Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083442.D
Acq On : 3 Dec 2015 4:21
Operator : UM/IZ
Sample : G4583-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-03(0-8)

Quant Time: Dec 03 06:48:30 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	6.53	152	141567	20.00	ng		-0.01
21) Naphthalene-d8	7.82	136	561416	20.00	ng		-0.01
38) Acenaphthene-d10	9.57	164	271384	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	466836	20.00	ng		-0.01
75) Chrysene-d12	14.74	240	334834	20.00	ng		-0.02
86) Perylene-d12	16.80	264	340974	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1191169	126.26	ng		0.00
7) Phenol-d6	6.21	99	1744283	135.08	ng		-0.01
23) Nitrobenzene-d5	7.12	82	1097013	85.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	290922	106.79	ng		-0.02
44) 2-Fluorobiphenyl	8.91	172	1634152	85.81	ng		-0.01
78) Terphenyl-d14	13.21	244	1315670	93.71	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.21	77	2788	Below Cal		#	14
19) n-Nitroso-di-n-propylamine	7.12	70	148550	16.09	ng	#	77
31) Naphthalene	7.85	128	184769	6.07	ng		97
37) 2-Methylnaphthalene	8.54	142	41638	2.05	ng		95
48) Acenaphthylene	9.44	152	91982	3.18	ng		97
49) Dimethylphthalate	9.31	163	101601	4.61	ng		99
51) Acenaphthene	9.61	154	153672	9.03	ng		99
54) Dibenzofuran	9.78	168	69100	2.77	ng		90
57) Fluorene	10.12	166	110474	5.61	ng		94
70) Phenanthrene	11.14	178	1593789	57.69	ng		98
71) Anthracene	11.20	178	356665	12.82	ng		98
72) Carbazole	11.39	167	158110	6.33	ng		99
74) Fluoranthene	12.65	202	2301309	80.36	ng		100
77) Pyrene	12.97	202	2090713	89.41	ng		98
80) Benzo(a)anthracene	14.72	228	873118	42.56	ng		93
82) Chrysene	14.77	228	907056	45.77	ng		98
85) Indeno(1,2,3-cd)pyrene	18.18	276	494922	34.29	ng		94
87) Benzo(b)fluoranthene	16.29	252	1394252	63.73	ng		98
88) Benzo(k)fluoranthene	16.29	252	1394252	67.49	ng	#	94
89) Benzo(a)pyrene	16.73	252	743424	39.56	ng	#	95
90) Dibenzo(a,h)anthracene	18.20	278	150168	9.17	ng		97
91) Benzo(g,h,i)perylene	18.56	276	498655	31.03	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083442.D
Acq On : 3 Dec 2015 4:21
Operator : UM/IZ
Sample : G4583-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Quant Time: Dec 03 06:48:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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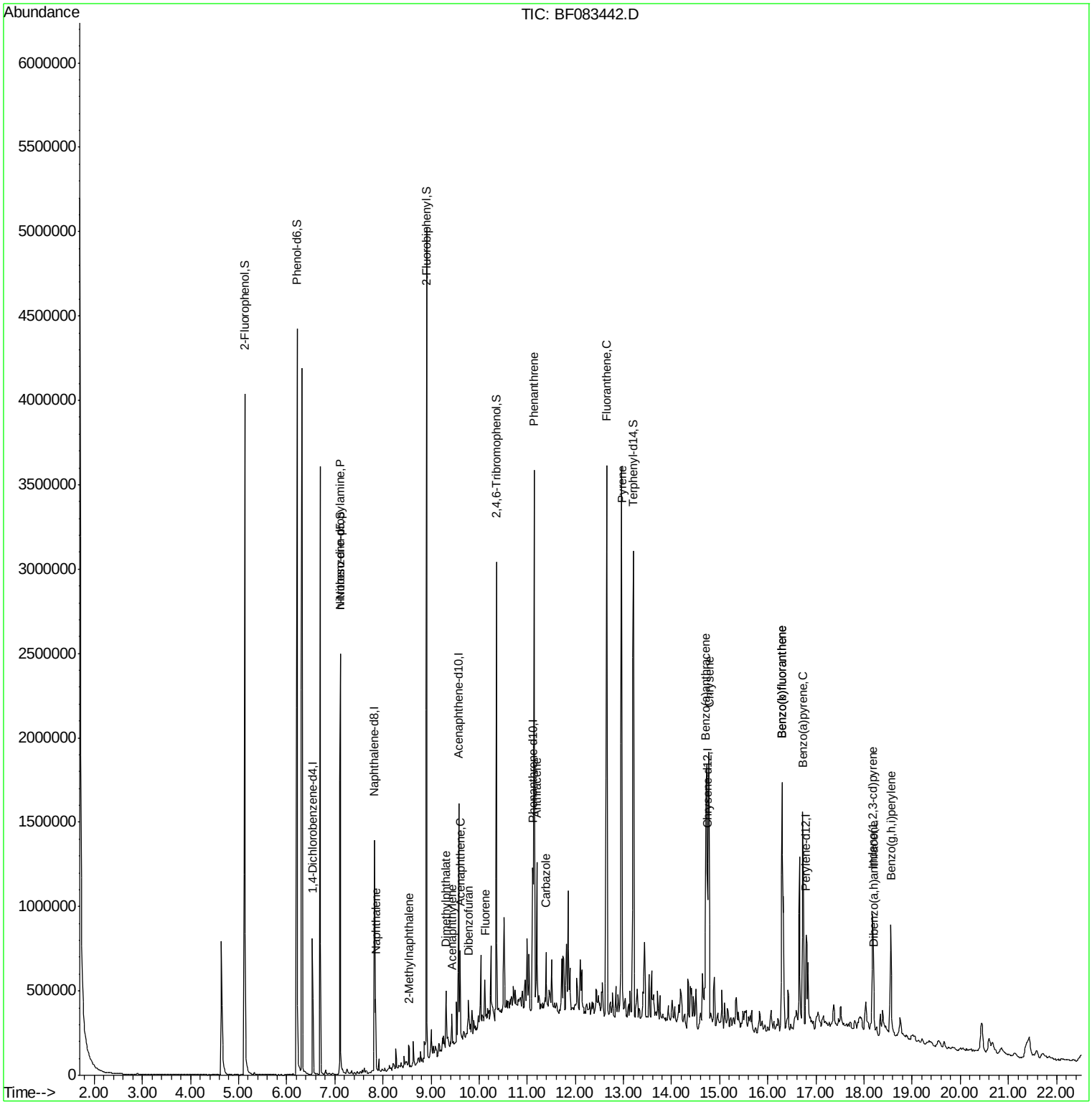
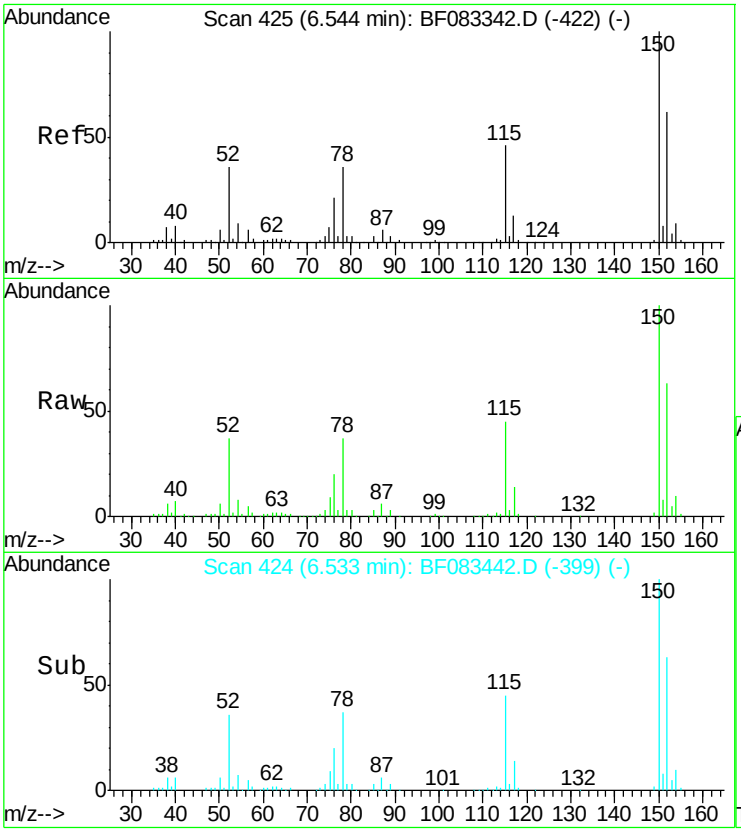


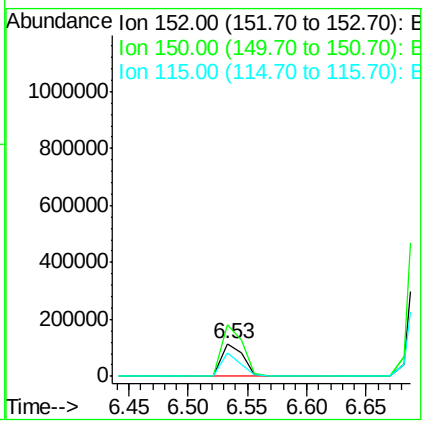


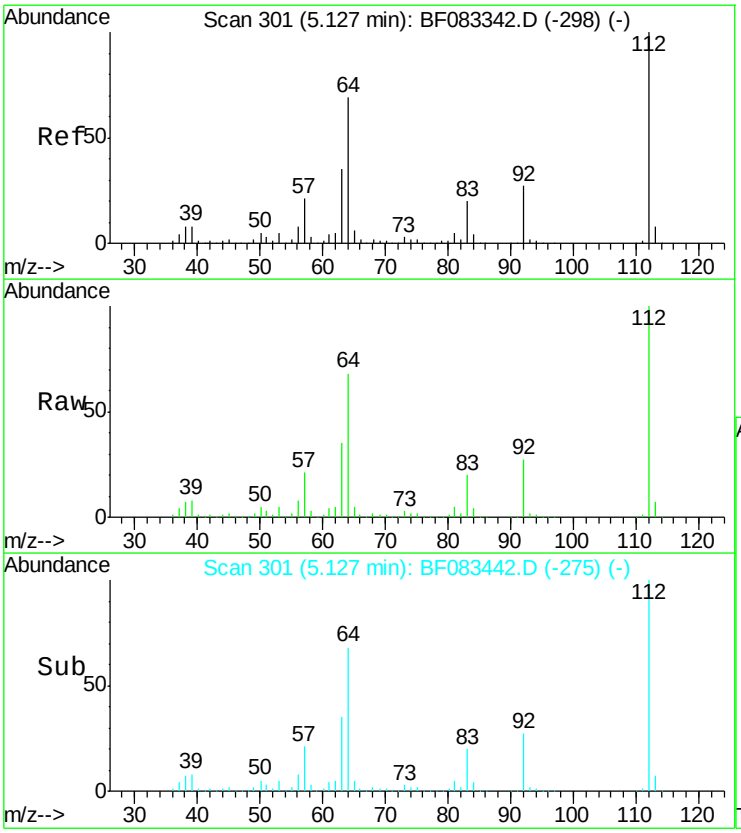
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:152 Resp: 141567

Ion	Ratio	Lower	Upper
152	100		
150	158.3	129.8	194.8
115	71.5	59.2	88.8

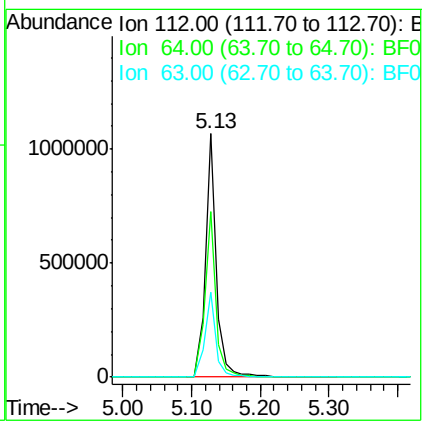


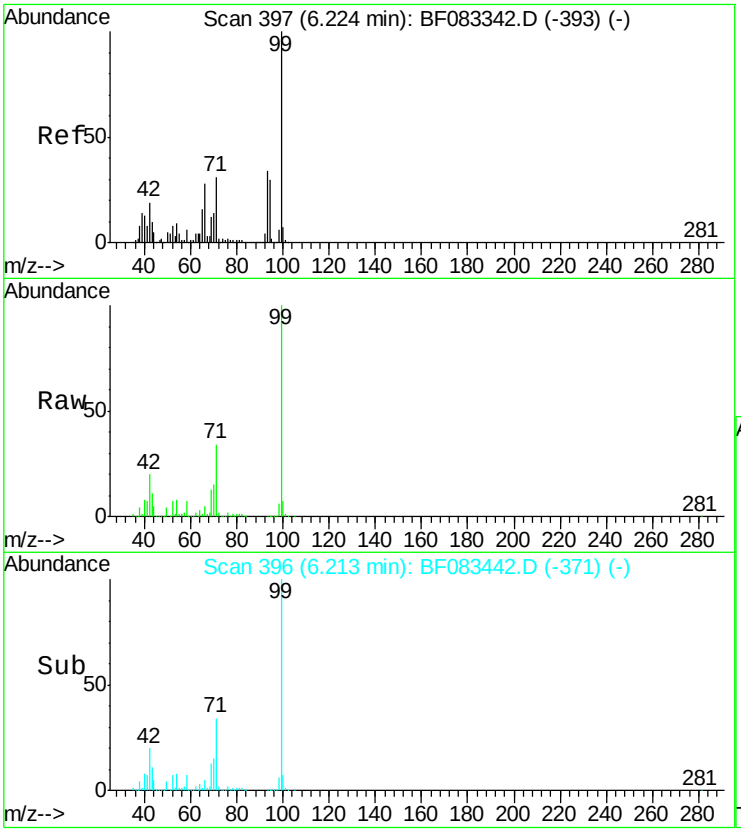


#5
2-Fluorophenol
Concen: 126.26 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:112 Resp: 1191169

Ion	Ratio	Lower	Upper
112	100		
64	68.0	55.6	83.4
63	34.9	28.2	42.2



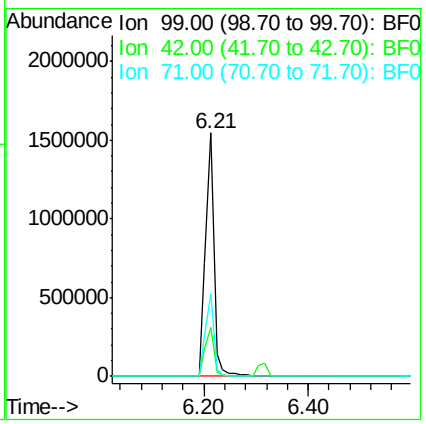


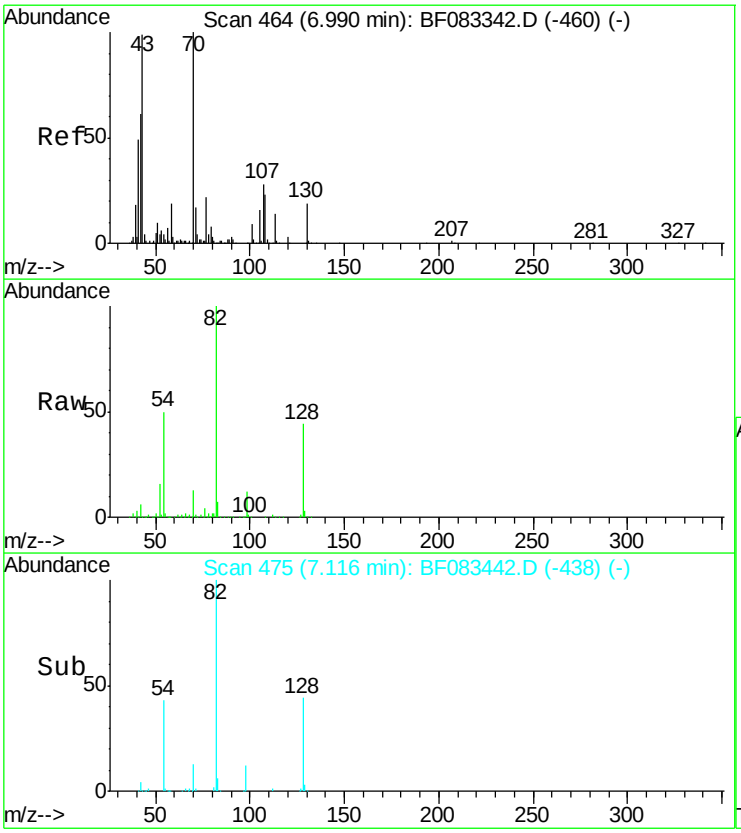
#7
Phenol-d6
Concen: 135.08 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion: 99 Resp: 1744283

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.9	22.3
71	33.7	24.7	37.1

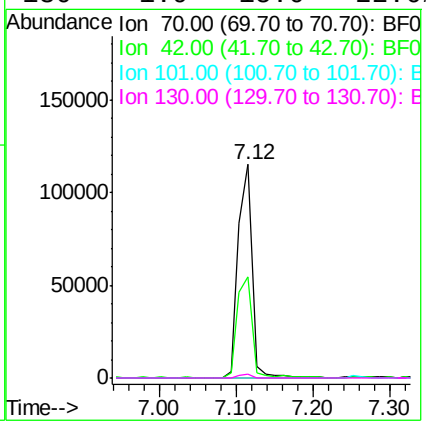


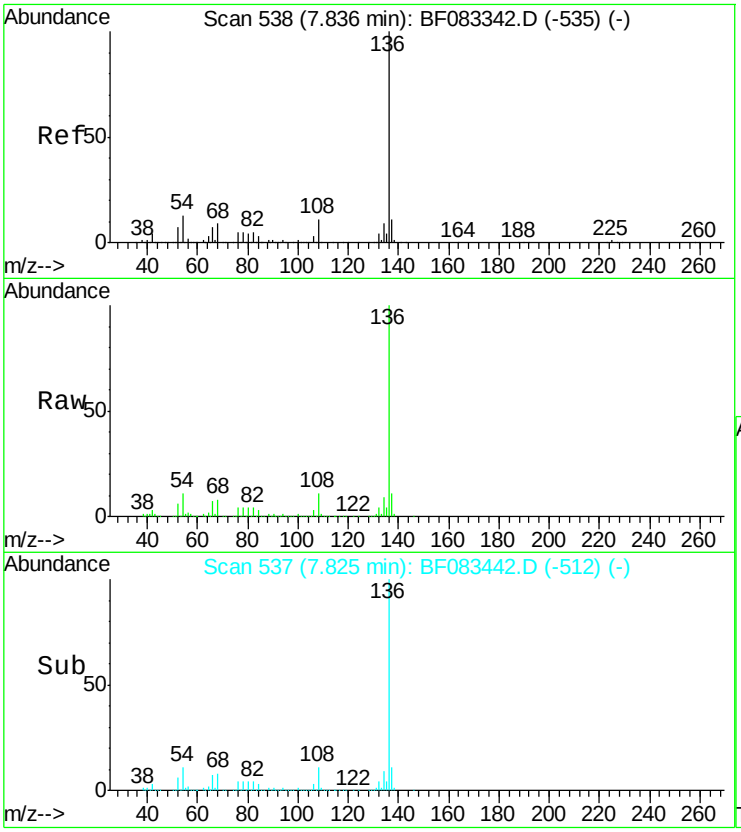


#19
n-Nitroso-di-n-propylamine
Concen: 16.09 ng
RT: 7.12 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion: 70 Resp: 148550

Ion	Ratio	Lower	Upper
70	100		
42	47.1	48.8	73.2#
101	0.0	7.1	10.7#
130	1.9	15.0	22.6#



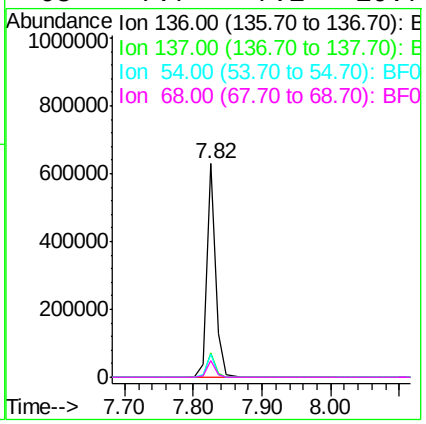


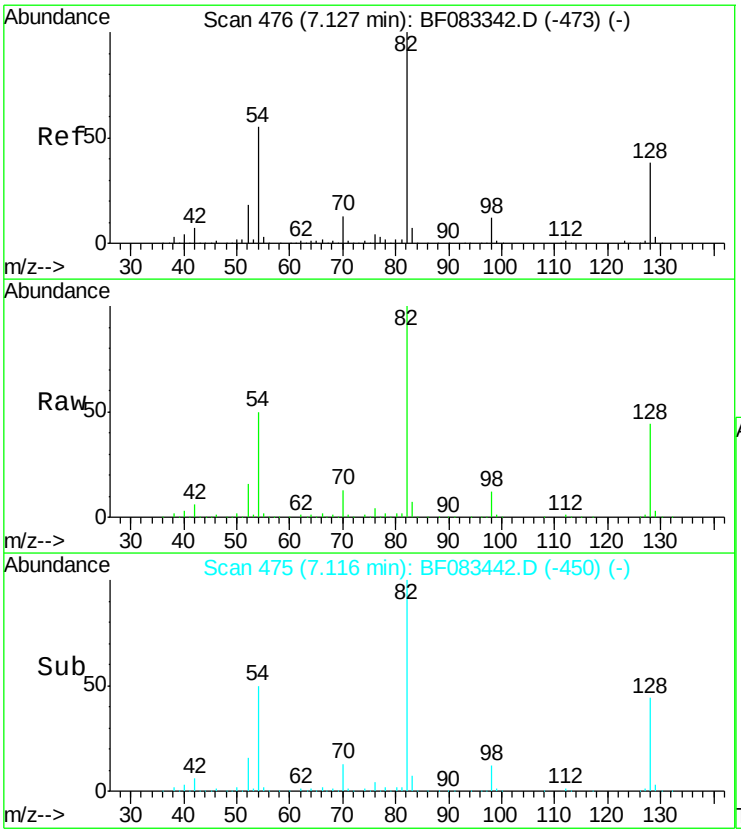
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:136 Resp: 561416

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.9	10.1	15.1
68	7.7	7.1	10.7

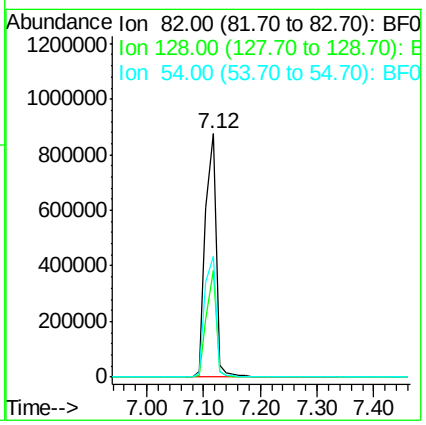


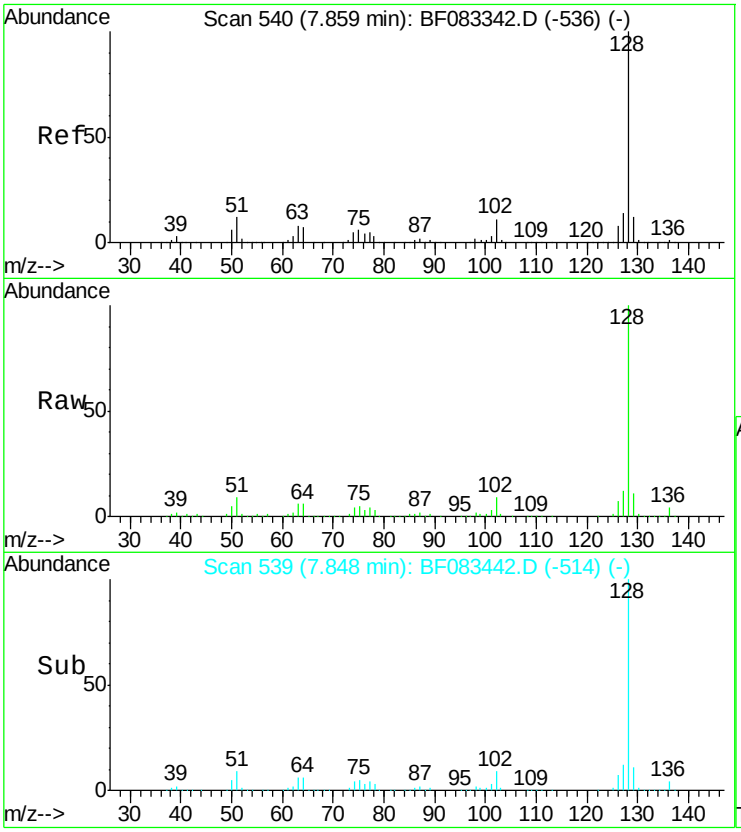


#23
Nitrobenzene-d5
Concen: 85.90 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion: 82 Resp: 1097013

Ion	Ratio	Lower	Upper
82	100		
128	43.6	30.6	46.0
54	49.8	43.8	65.6



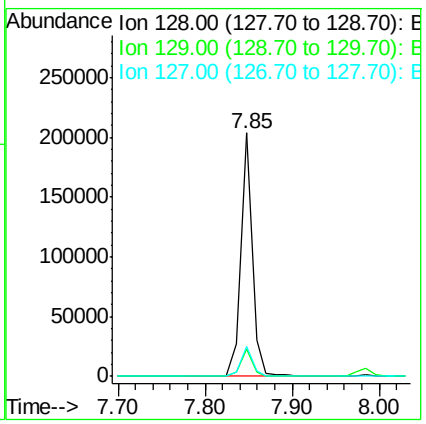


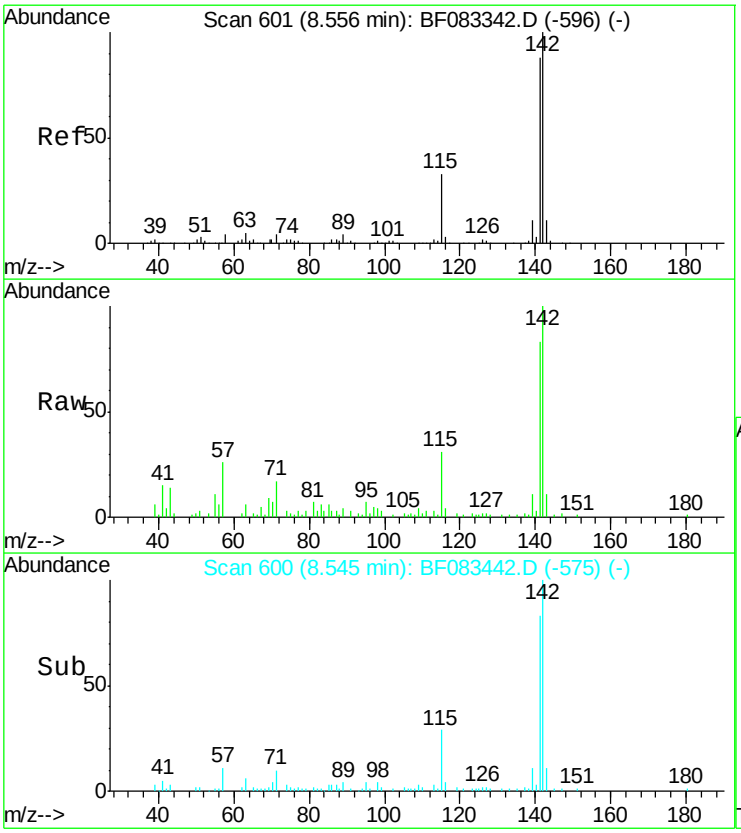
#31
Naphthalene
Concen: 6.07 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:128 Resp: 184769

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.7	14.5
127	12.4	11.0	16.4

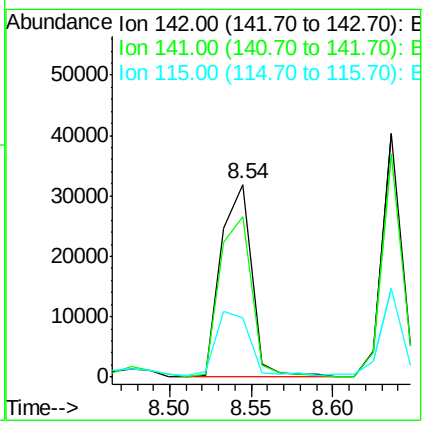


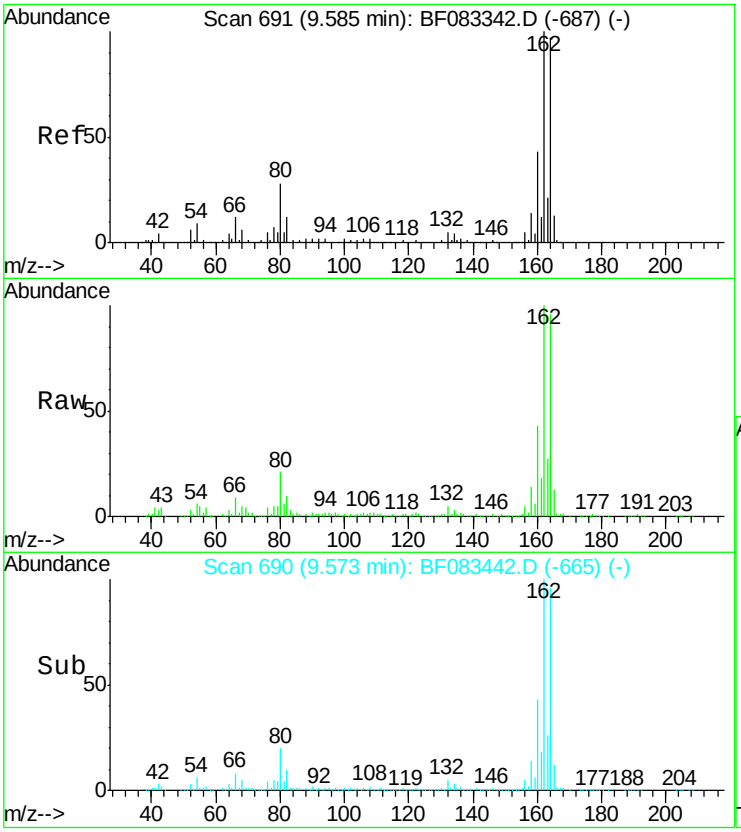


#37
2-Methylnaphthalene
Concen: 2.05 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:142 Resp: 41638

Ion	Ratio	Lower	Upper
142	100		
141	83.1	70.6	105.8
115	30.6	26.2	39.2



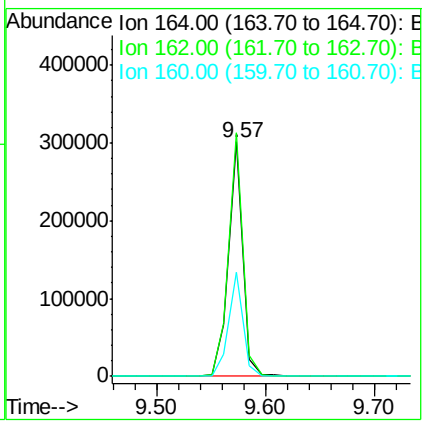


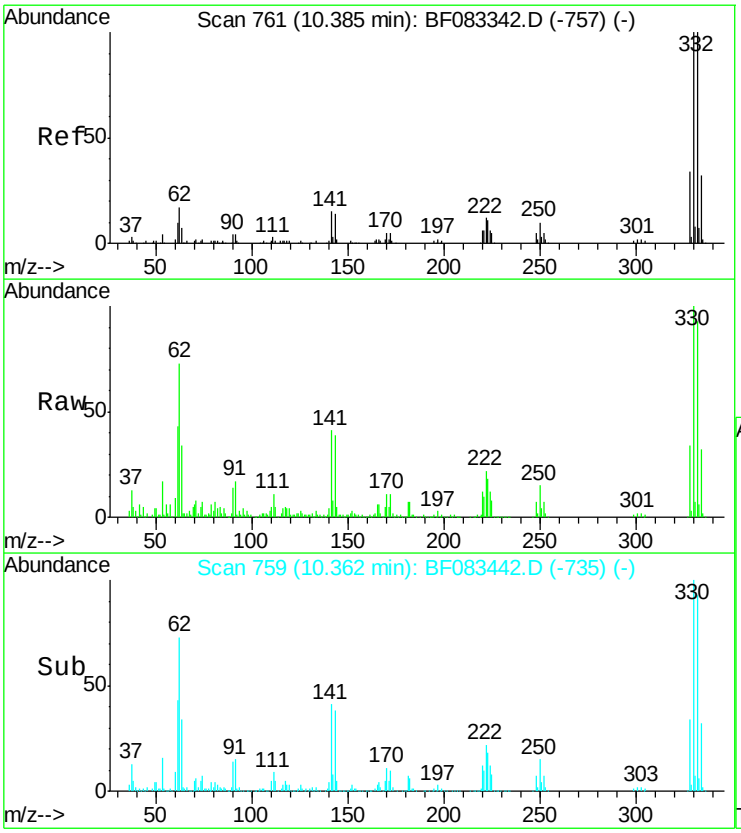
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:164 Resp: 271384

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	44.2	35.3	52.9

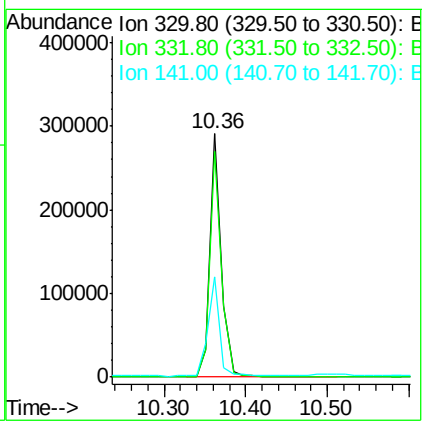


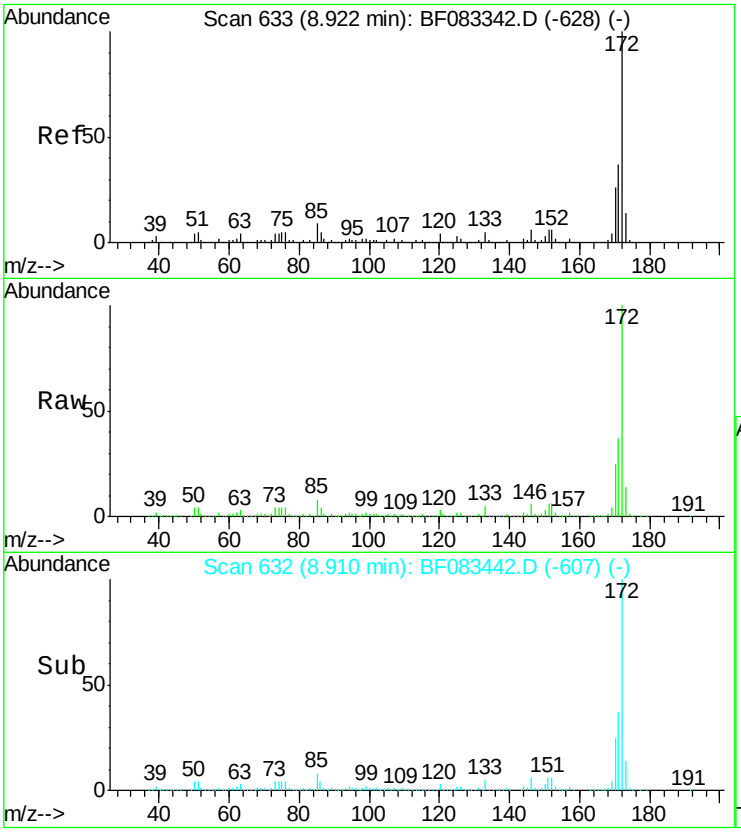


#41
2,4,6-Tribromophenol
Concen: 106.79 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:330 Resp: 290922

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.8	116.6
141	41.6	29.4	44.0



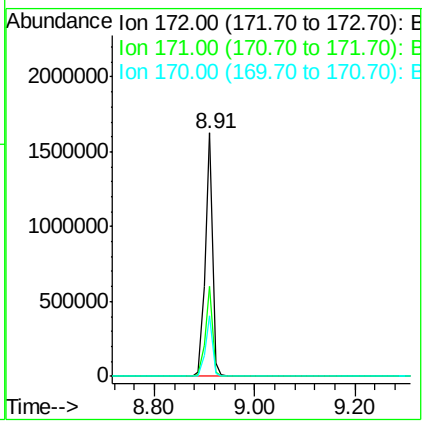


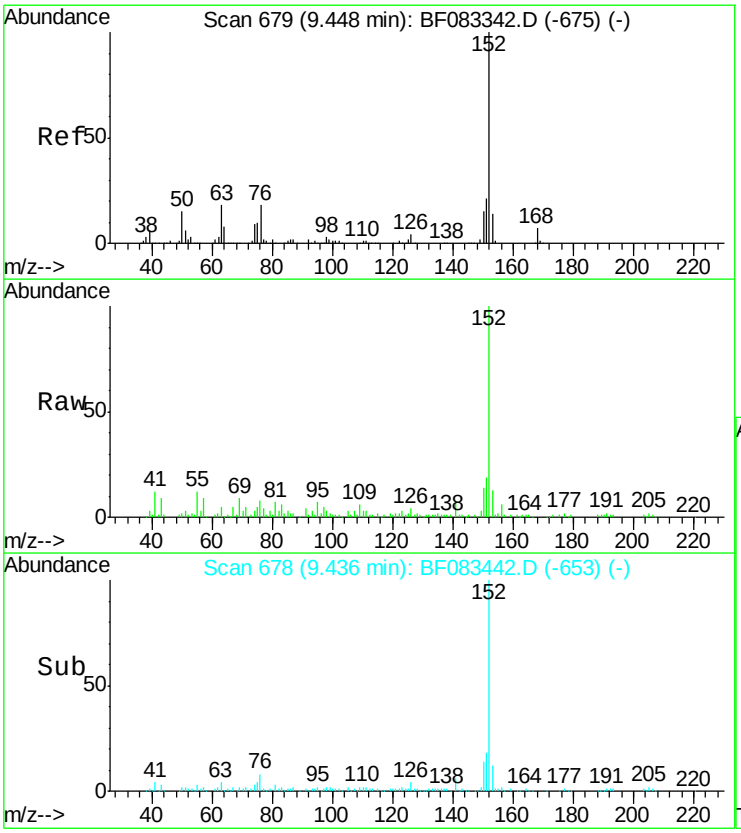
#44
2-Fluorobiphenyl
Concen: 85.81 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:172 Resp: 1634152

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.9	20.4	30.6

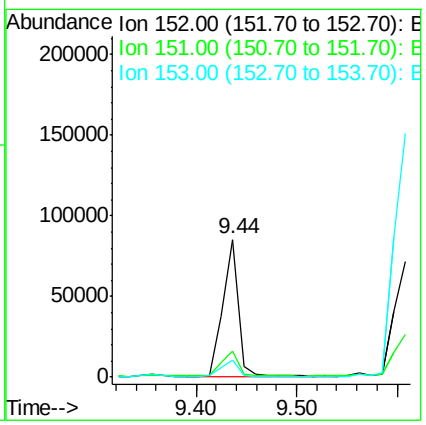


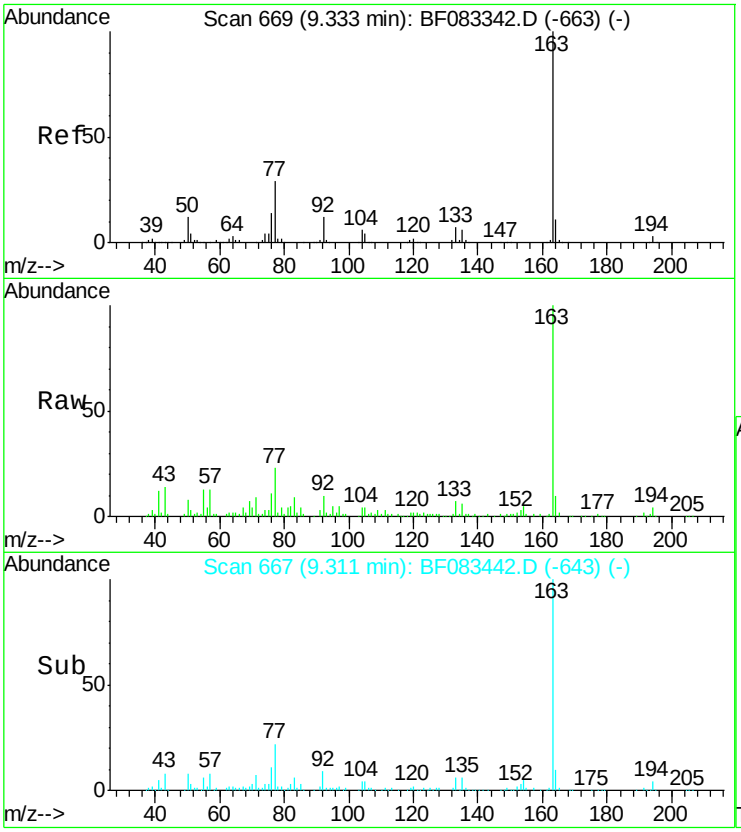


#48
Acenaphthylene
Concen: 3.18 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:152 Resp: 91982

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.7	25.1
153	12.8	11.2	16.8



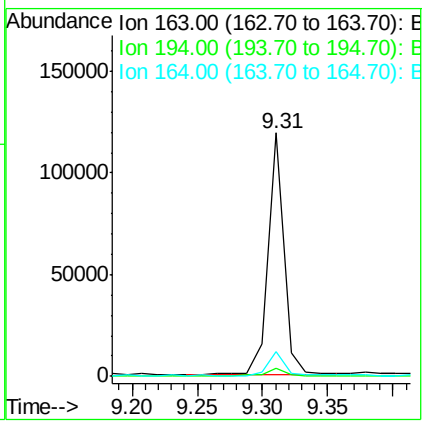


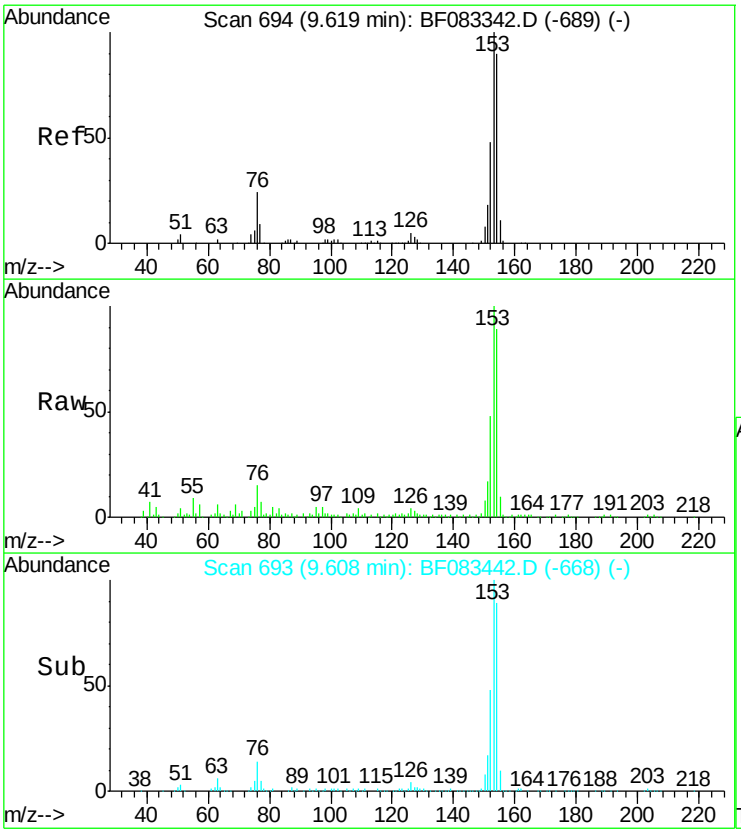
#49
Dimethylphthalate
Concen: 4.61 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:163 Resp: 101601

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.8	13.2

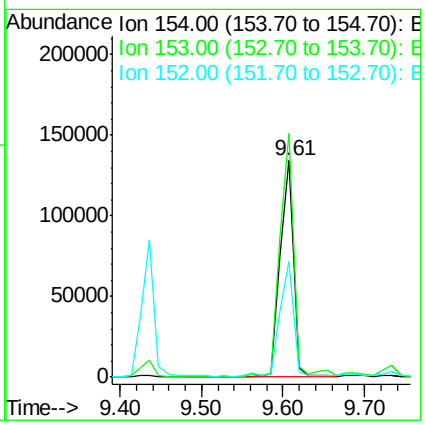


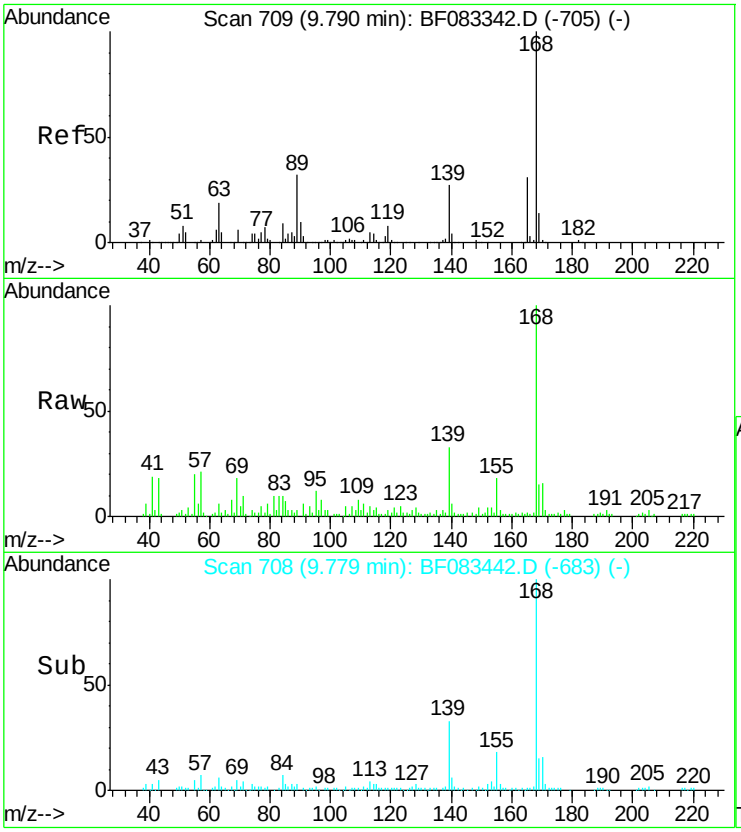


#51
Acenaphthene
Concen: 9.03 ng
RT: 9.61 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:154 Resp: 153672

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.3	133.9
152	53.7	42.5	63.7



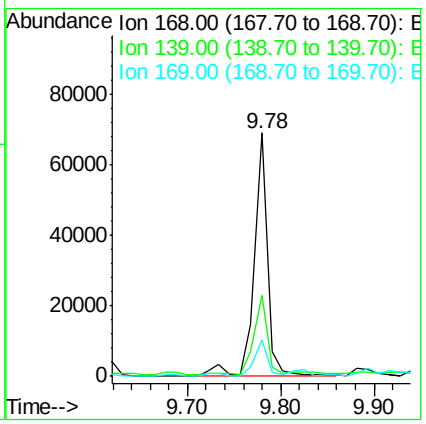


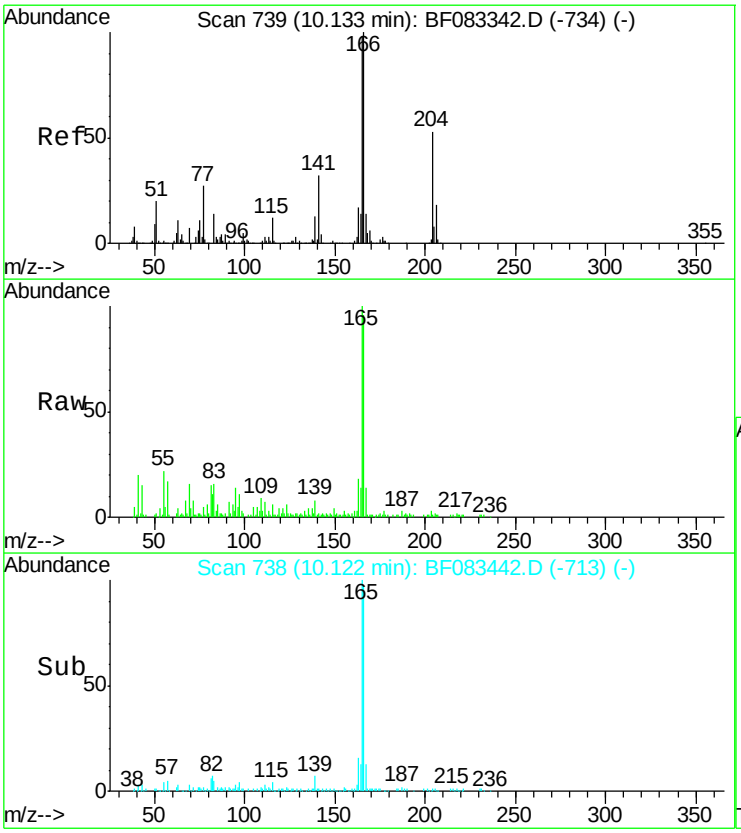
#54
Dibenzofuran
Concen: 2.77 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:168 Resp: 69100

Ion	Ratio	Lower	Upper
168	100		
139	33.3	32.7	49.1
169	14.7	11.1	16.7

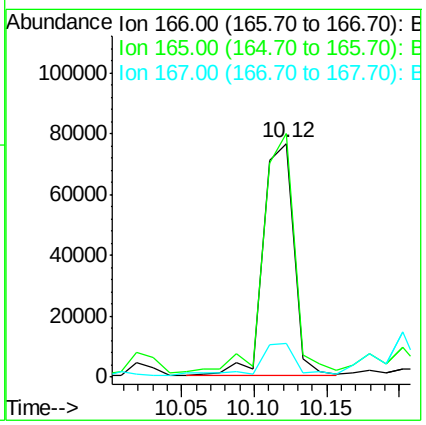


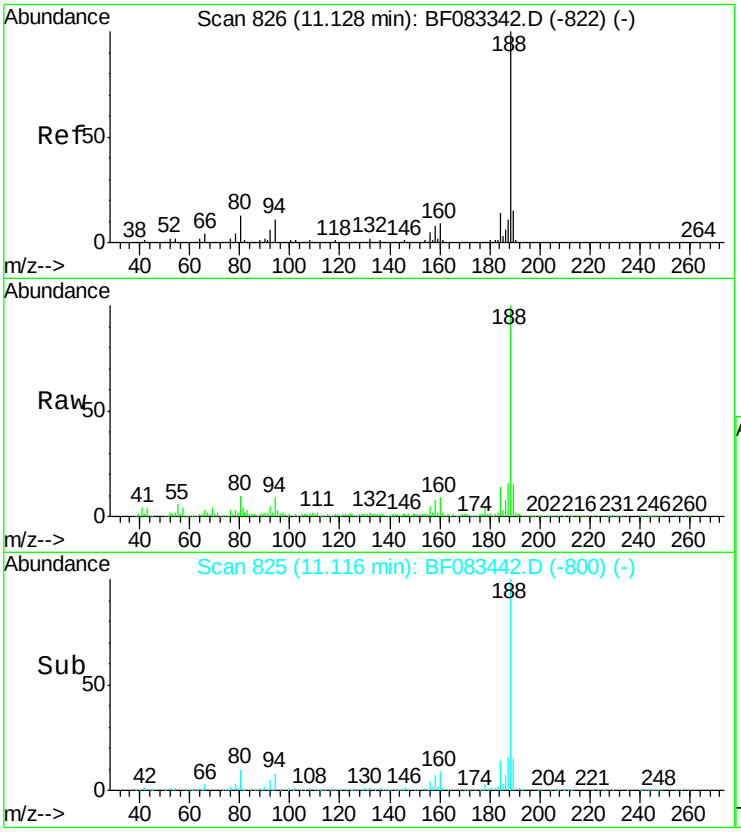


#57
Fluorene
Concen: 5.61 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:166 Resp: 110474

Ion	Ratio	Lower	Upper
166	100		
165	104.2	78.3	117.5
167	14.5	11.1	16.7



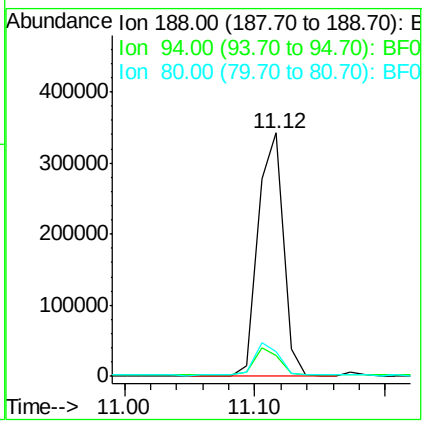


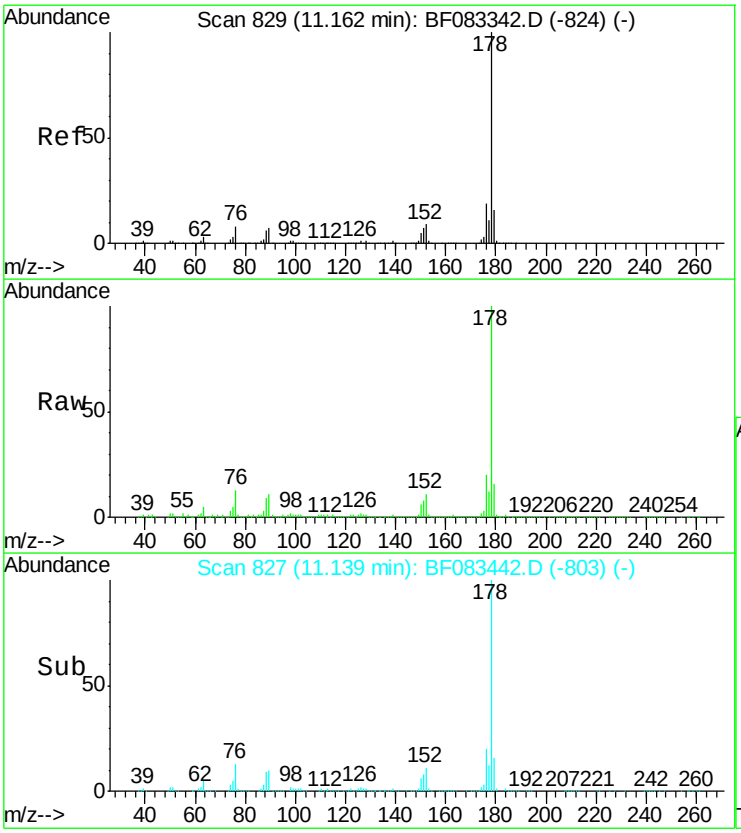
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:188 Resp: 466836

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.7	13.1#
80	10.0	10.3	15.5#

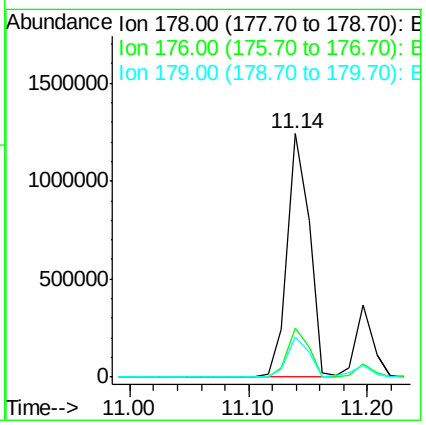


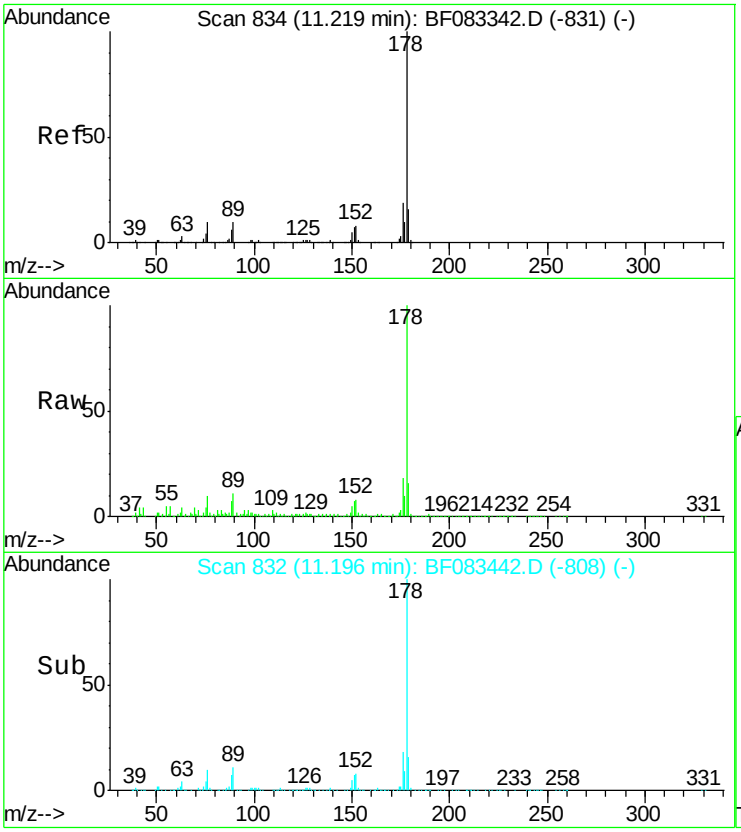


#70
Phenanthrene
Concen: 57.69 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:178 Resp: 1593789

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	16.4	12.4	18.6



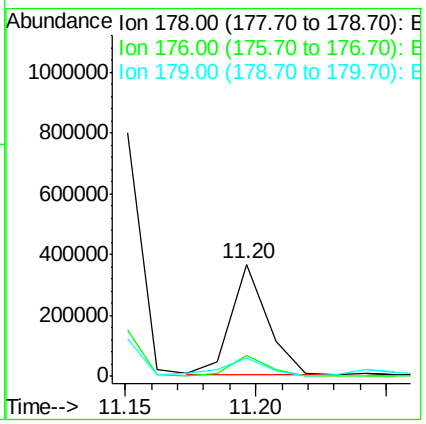


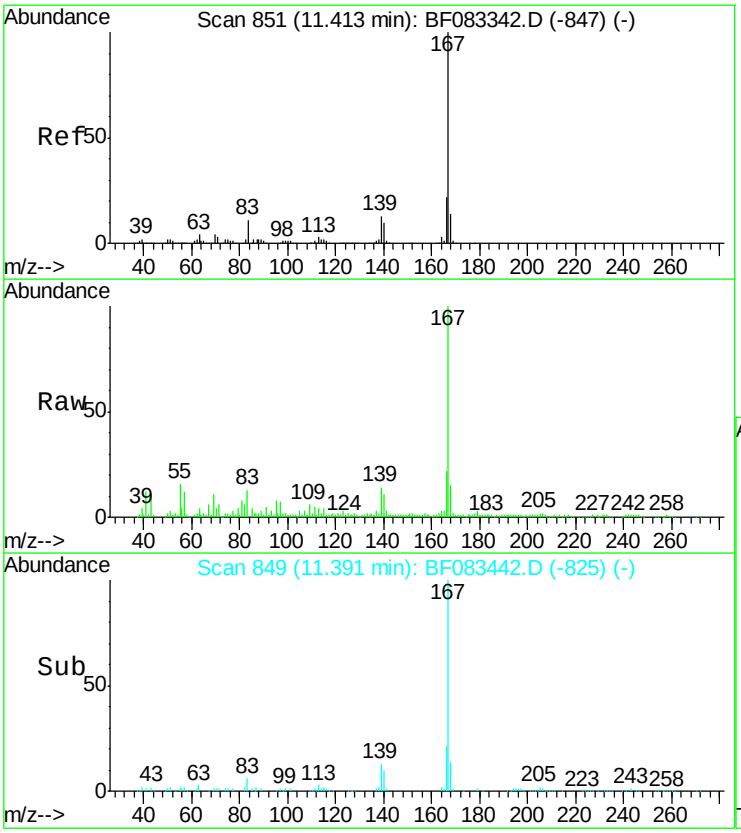
#71
Anthracene
Concen: 12.82 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:178 Resp: 356665

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	16.1	12.8	19.2

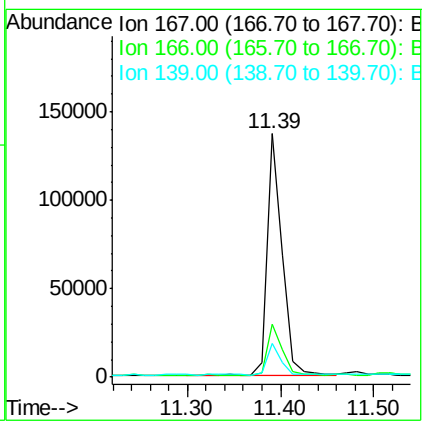


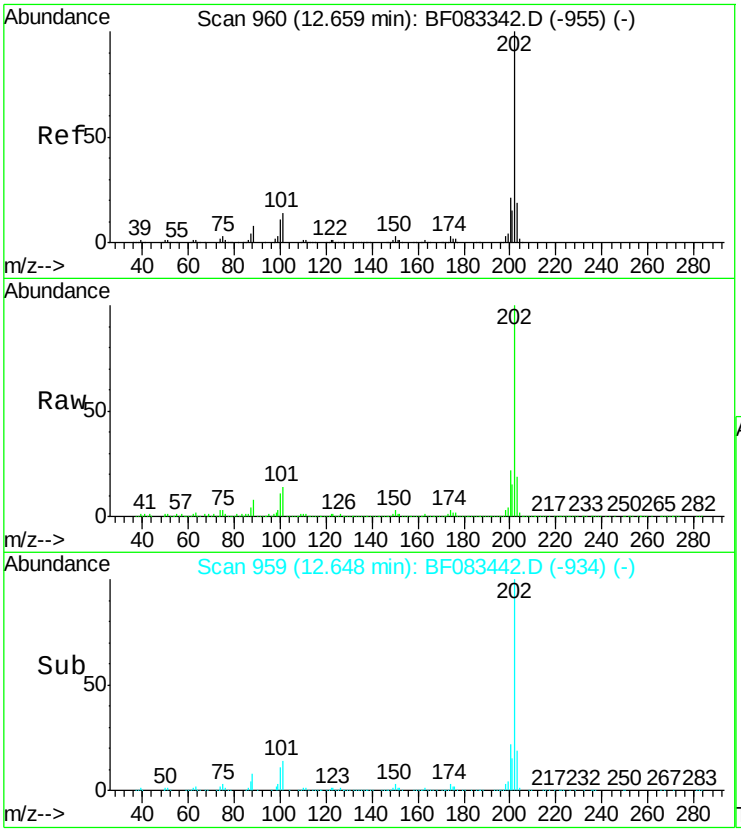


#72
Carbazole
Concen: 6.33 ng
RT: 11.39 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:167 Resp: 158110

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.9	10.5	15.7



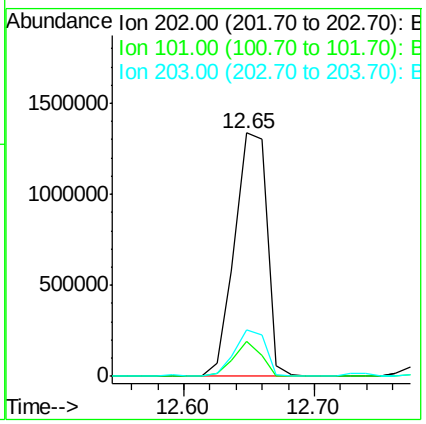


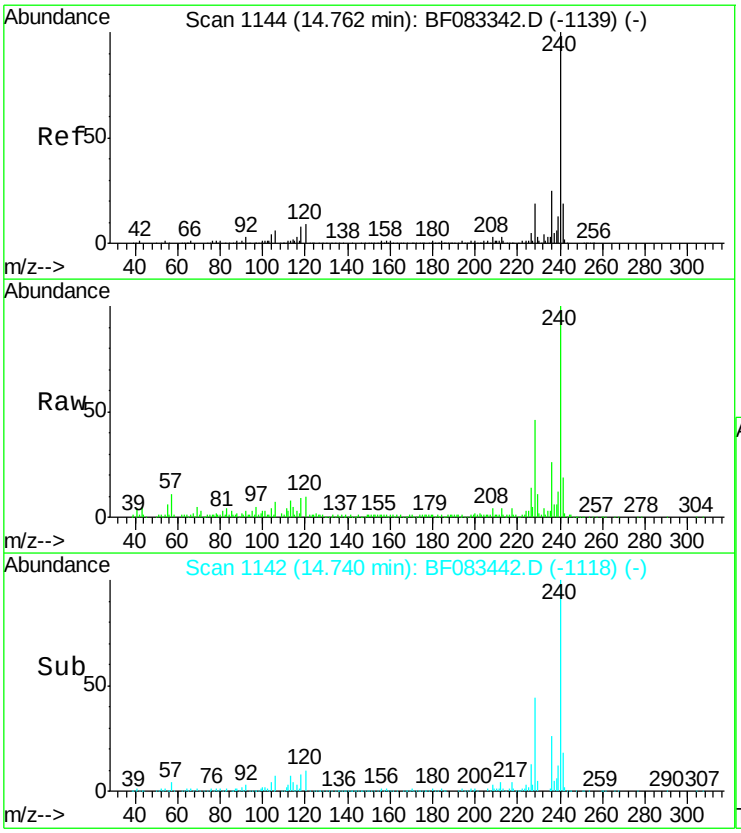
#74
Fluoranthene
Concen: 80.36 ng
RT: 12.65 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:202 Resp: 2301309

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.5
203	18.9	0.0	38.7

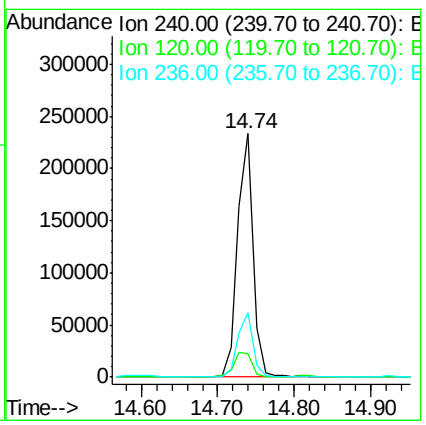


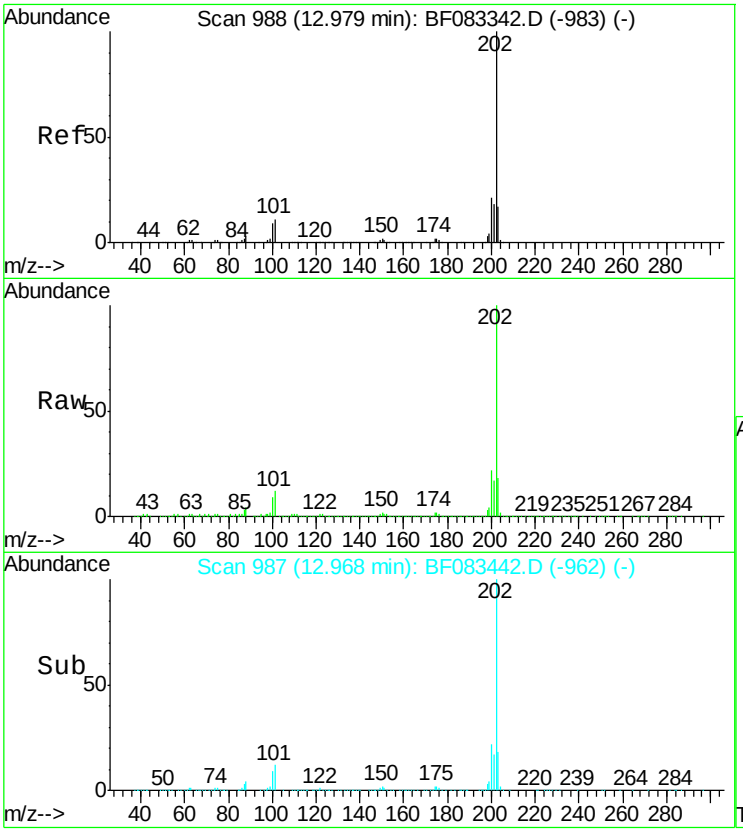


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:240 Resp: 334834

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.9	10.3
236	26.3	19.8	29.6



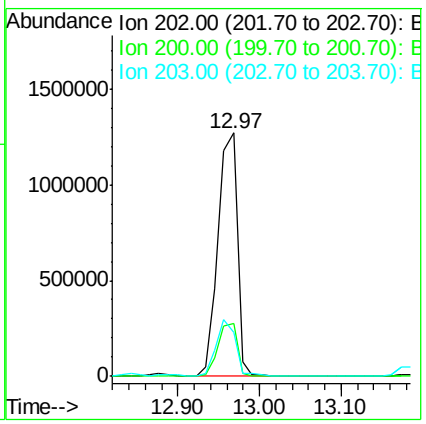


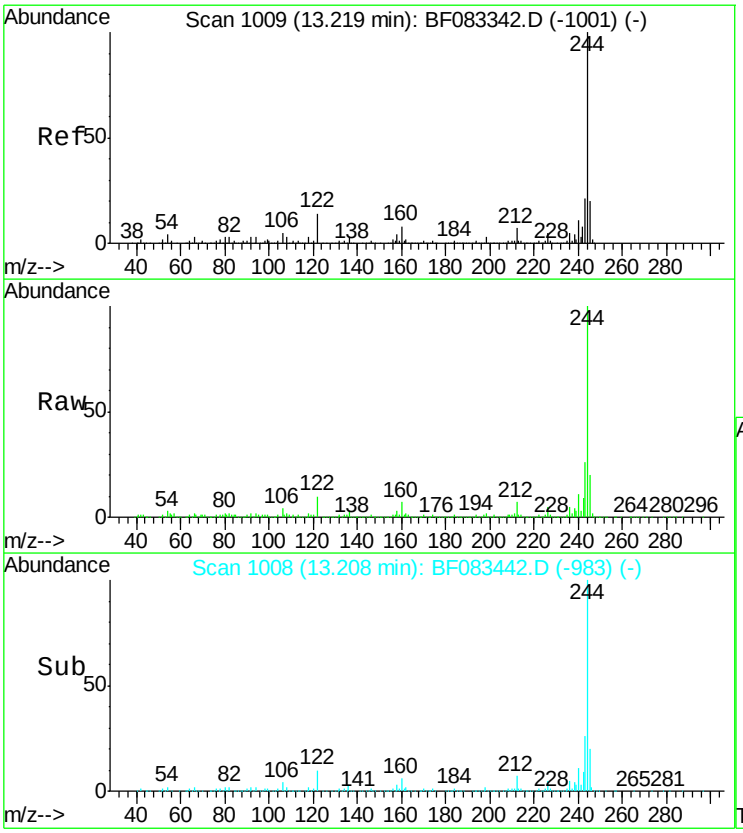
#77
Pyrene
Concen: 89.41 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:202 Resp: 2090713

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.2	13.9	20.9

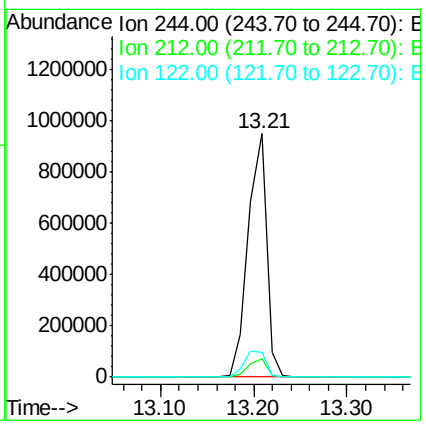


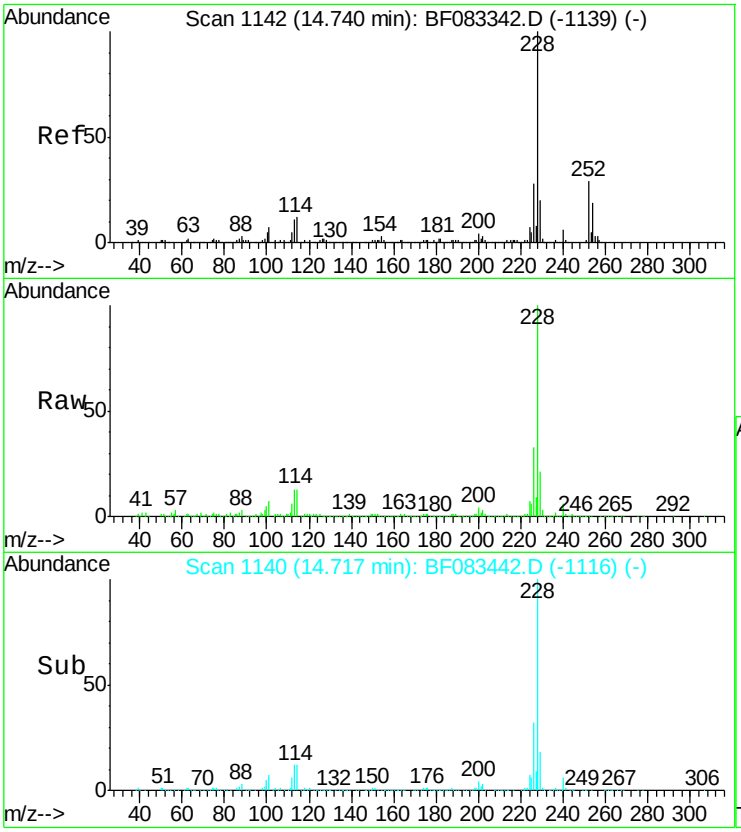


#78
Terphenyl-d14
Concen: 93.71 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:244 Resp: 1315670

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	10.3	11.0	16.4#



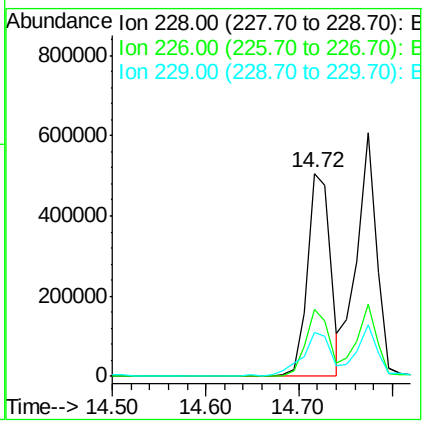


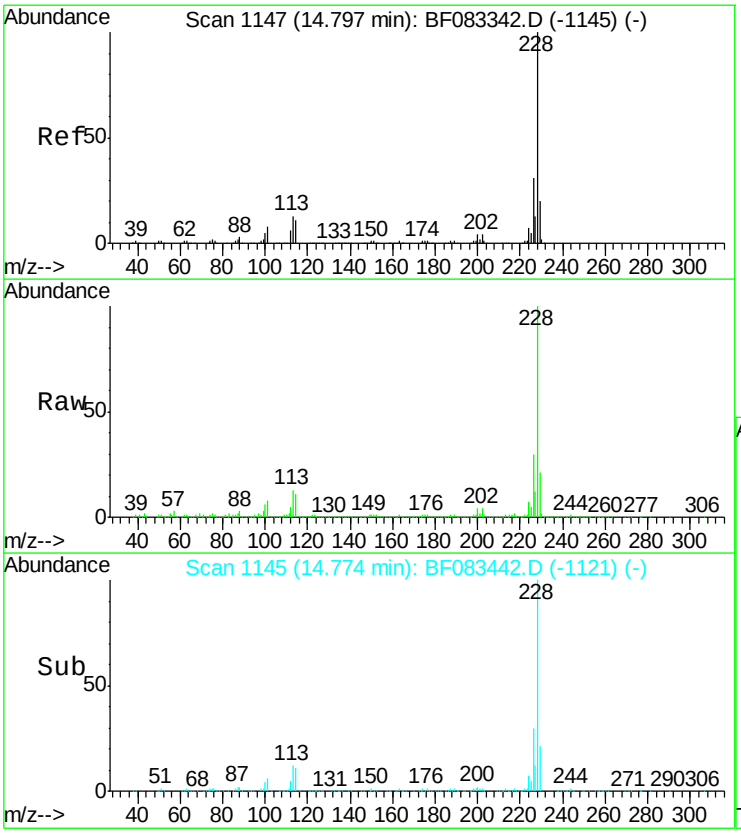
#80
Benzo(a)anthracene
Concen: 42.56 ng
RT: 14.72 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:228 Resp: 873118

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.2	33.4
229	21.5	16.1	24.1

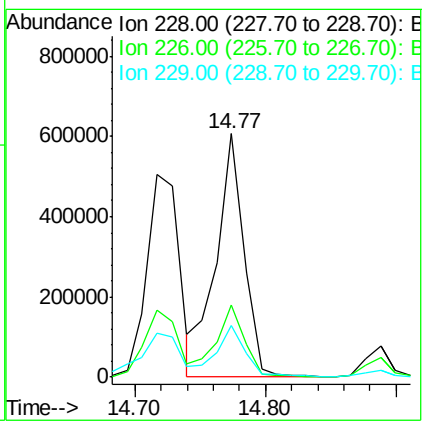


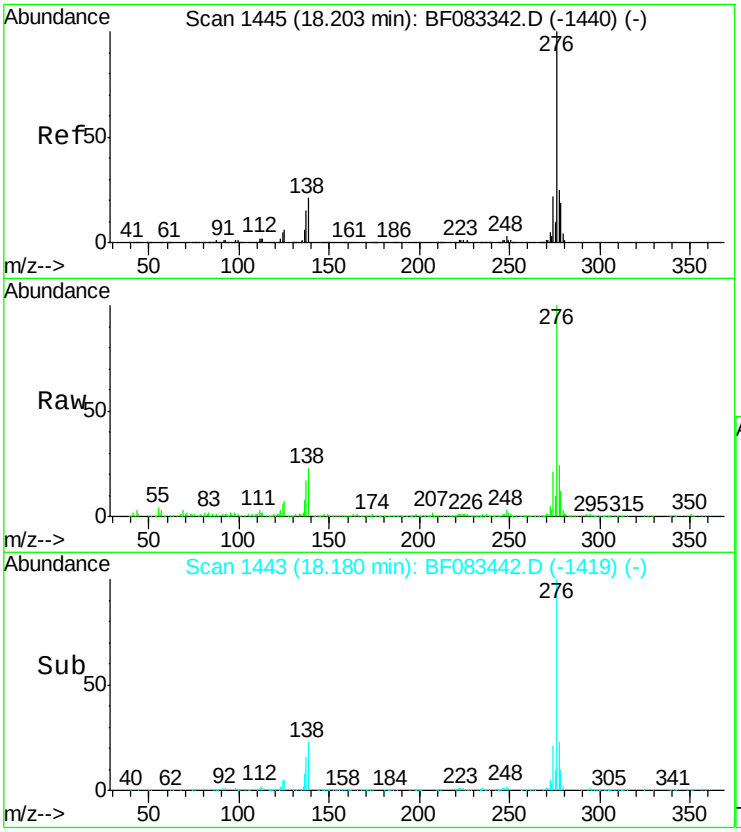


#82
Chrysene
Concen: 45.77 ng
RT: 14.77 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:228 Resp: 907056

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	37.0
229	21.3	16.2	24.2



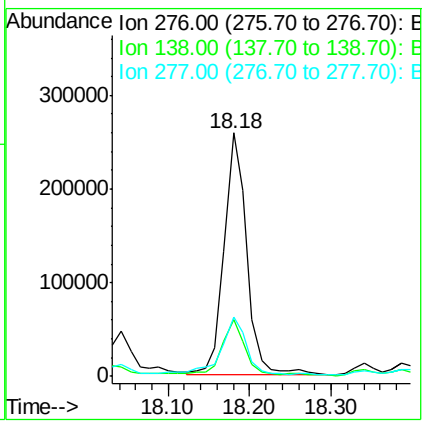


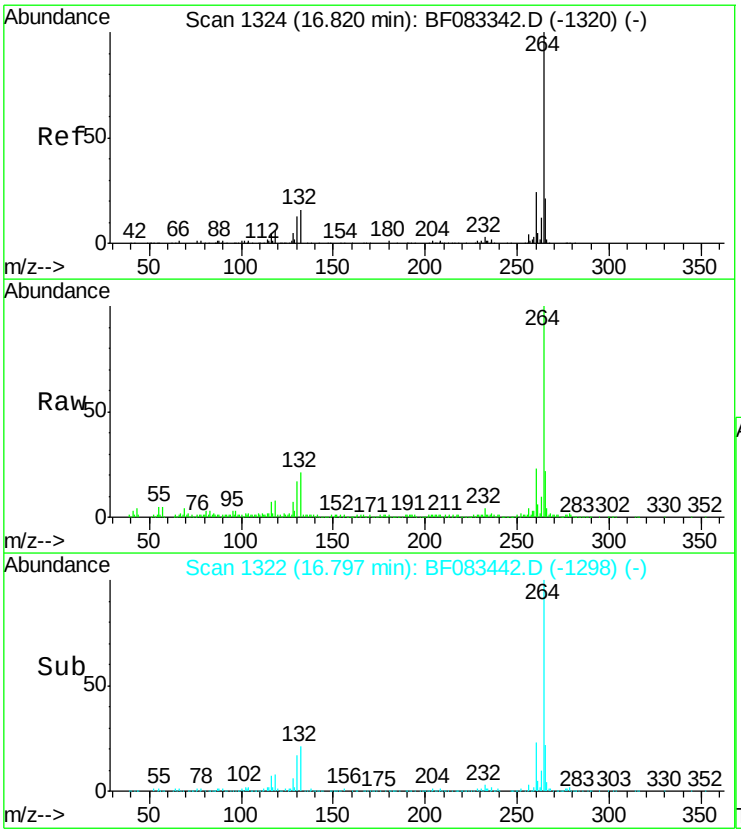
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.29 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:276 Resp: 494922

Ion	Ratio	Lower	Upper
276	100		
138	22.3	21.2	31.8
277	26.4	20.0	30.0

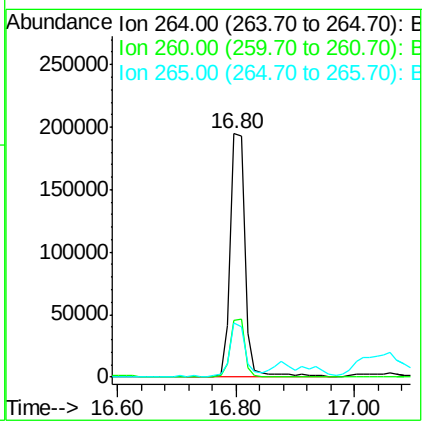


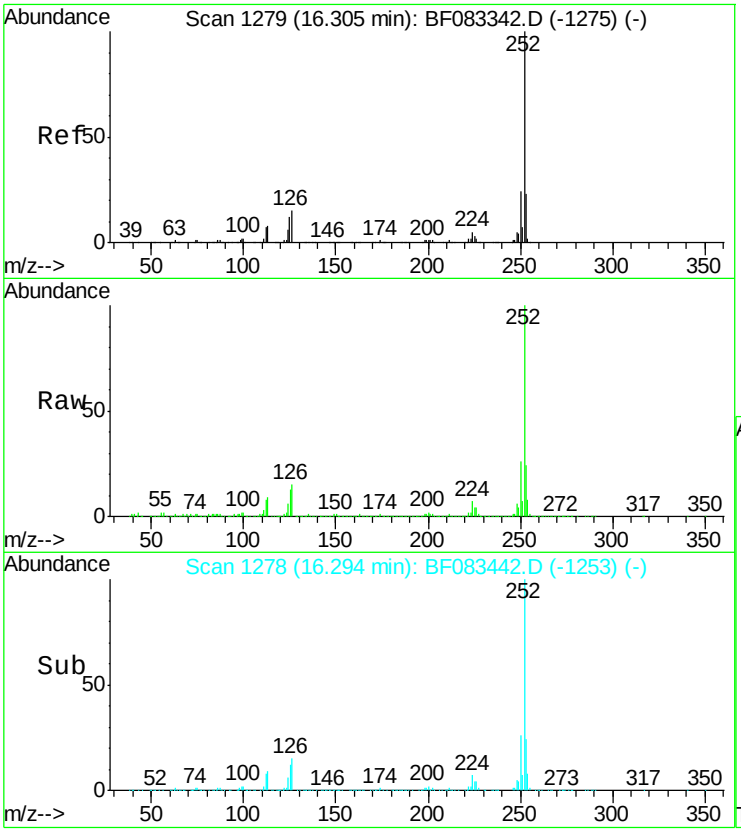


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:264 Resp: 340974

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.3	16.8	25.2



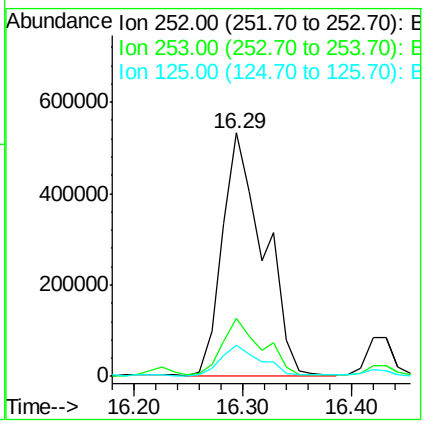


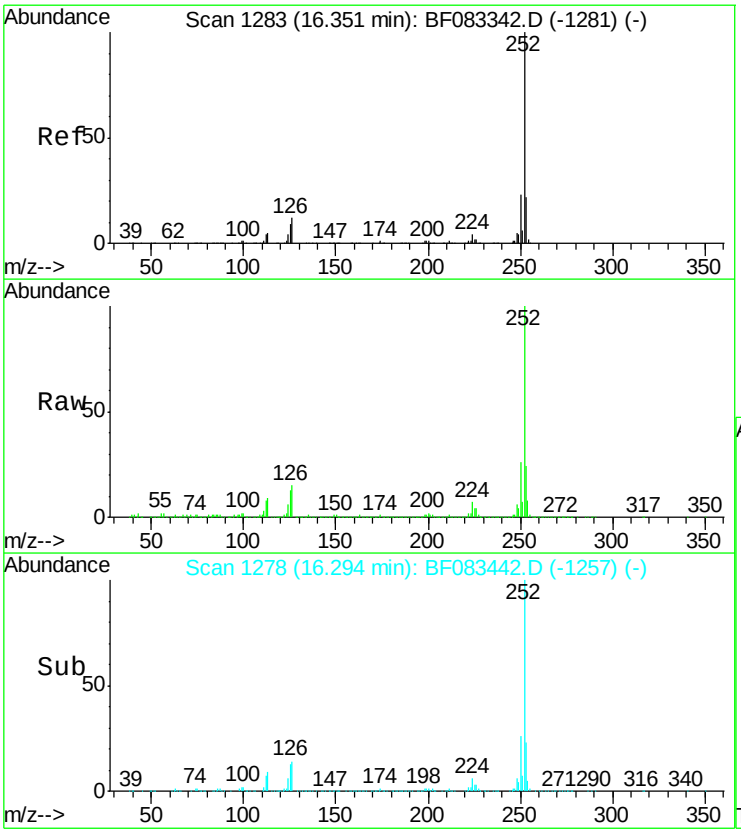
#87
Benzo(b)fluoranthene
Concen: 63.73 ng
RT: 16.29 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:252 Resp: 1394252

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	12.9	9.6	14.4

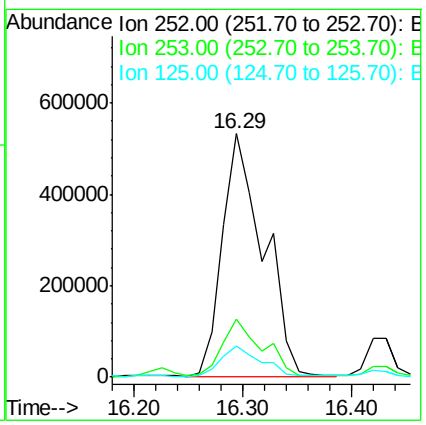


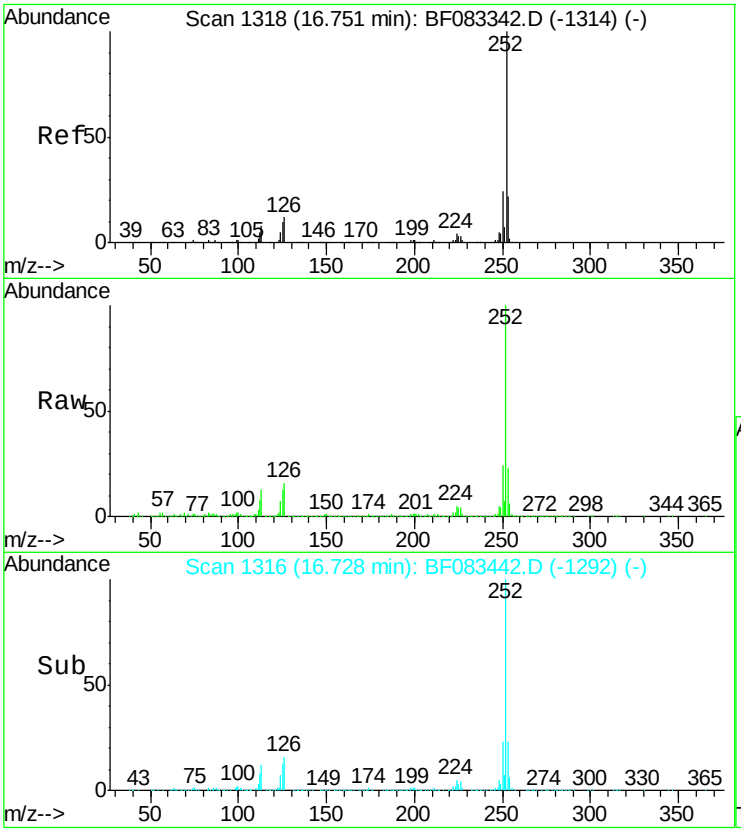


#88
Benzo(k)fluoranthene
Concen: 67.49 ng
RT: 16.29 min Scan# 1278
Delta R.T. -0.06 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:252 Resp: 1394252

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	12.9	7.5	11.3#



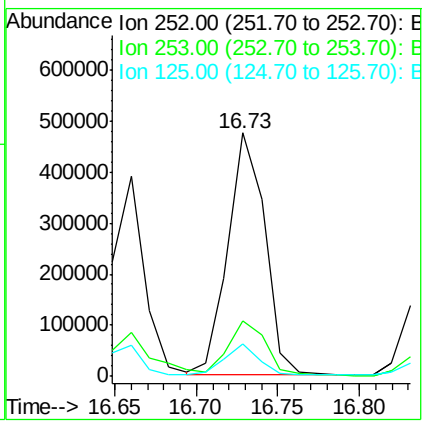


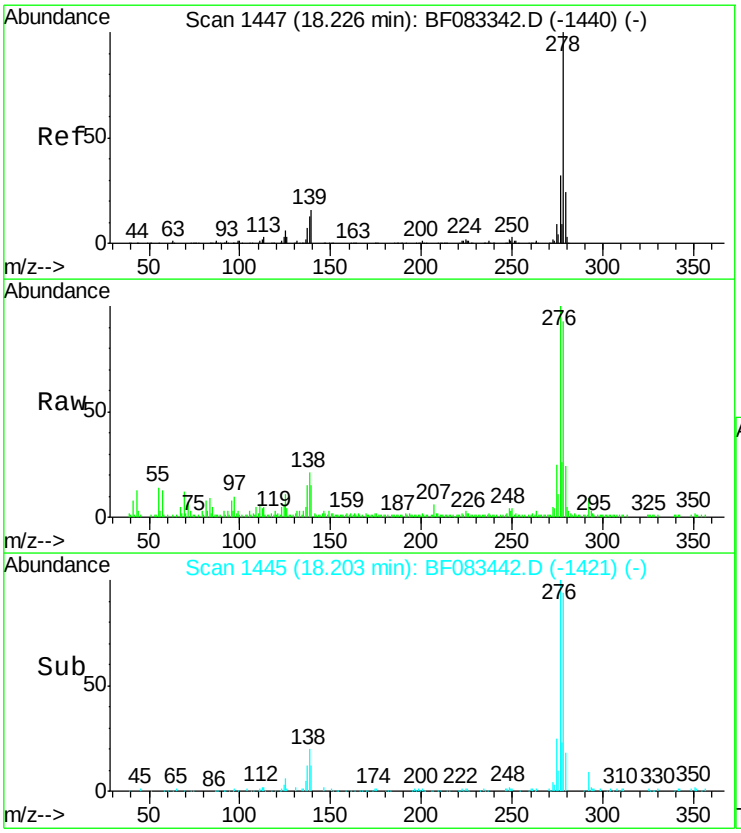
#89
Benzo(a)pyrene
Concen: 39.56 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:252 Resp: 743424

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.4	7.8	11.8#

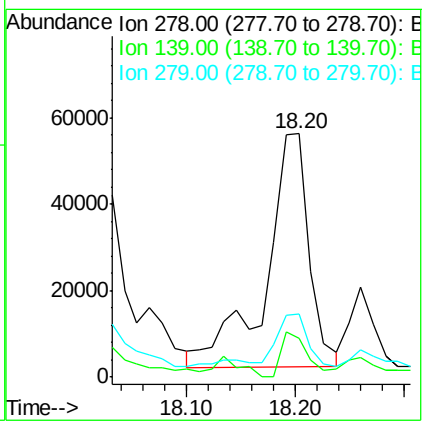


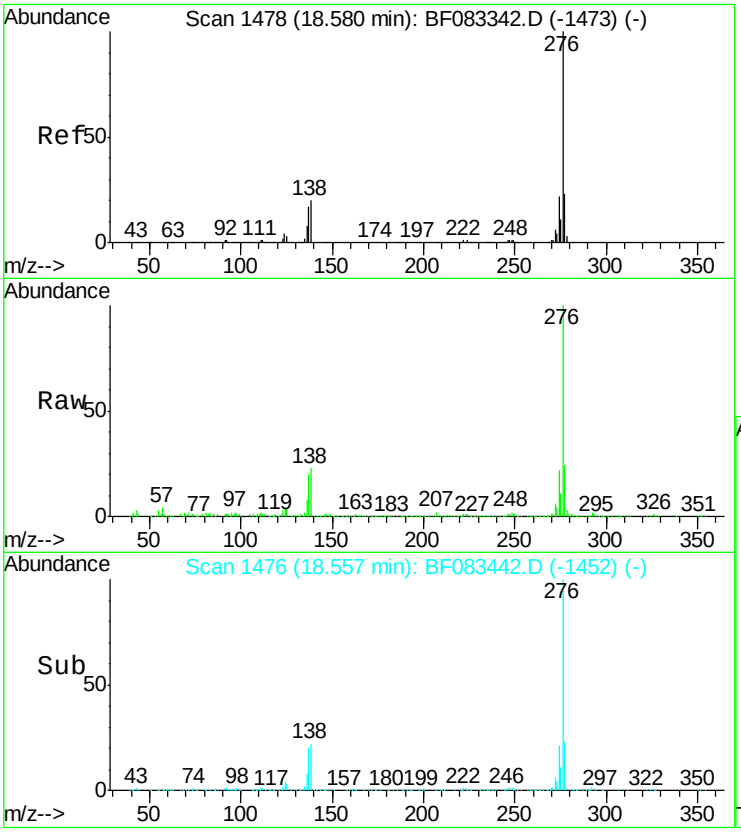


#90
Dibenzo(a,h)anthracene
Concen: 9.17 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Tgt Ion:278 Resp: 150168

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.1	19.7
279	25.8	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 31.03 ng
RT: 18.56 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF083442.D
Acq: 3 Dec 2015 4:21

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion:276 Resp: 498655

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	22.6	16.1	24.1