Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083824.D
Acq On : 15 Dec 2015 17:55
Operator : UM/IZ
Sample : G4739-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K211-13-14

Quant Time: Dec 16 11:44:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	89717m	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	390623m	20.00	ng		-0.02
38) Acenaphthene-d10	9.95	164	204018m	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	273989m	20.00	ng		-0.01
75) Chrysene-d12	14.08	240	204789	20.00	ng		0.00
86) Perylene-d12	15.52	264	177341	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	690799	124.22	ng		-0.01
7) Phenol-d6	6.54	99	959279	136.21	ng		0.00
23) Nitrobenzene-d5	7.47	82	587725	84.18	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	224194	107.84	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	918745	60.74	ng		-0.02
78) Terphenyl-d14	13.02	244	652589	68.55	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.91	142	180181m	14.09	ng		
48) Acenaphthylene	9.81	152	474695	21.14	ng		98
49) Dimethylphthalate	9.66	163	127498m	8.02	ng		
51) Acenaphthene	9.97	154	94967	7.00	ng		96
70) Phenanthrene	11.46	178	230823m	15.86	ng		
71) Anthracene	11.50	178	514351m	34.02	ng		
74) Fluoranthene	12.66	202	966788	64.28	ng		95
77) Pyrene	12.89	202	1481393	91.52	ng		97
80) Benzo(a)anthracene	14.06	228	784504	67.37	ng		93
82) Chrysene	14.10	228	727115m	64.02	ng		
85) Indeno(1,2,3-cd)pyrene	16.95	276	118436	10.62	ng	#	100
87) Benzo(b)fluoranthene	15.11	252	433225m	38.29	ng		
88) Benzo(k)fluoranthene	15.12	252	79459m	7.75	ng		
89) Benzo(a)pyrene	15.46	252	370217	36.67	ng	#	95
90) Dibenzo(a,h)anthracene	16.95	278	43596	4.34	ng	#	81
91) Benzo(g,h,i)perylene	17.38	276	117071	11.34	ng		99

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

Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083824.D
Acq On : 15 Dec 2015 17:55
Operator : UM/IZ
Sample : G4739-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Quant Time: Dec 16 11:44:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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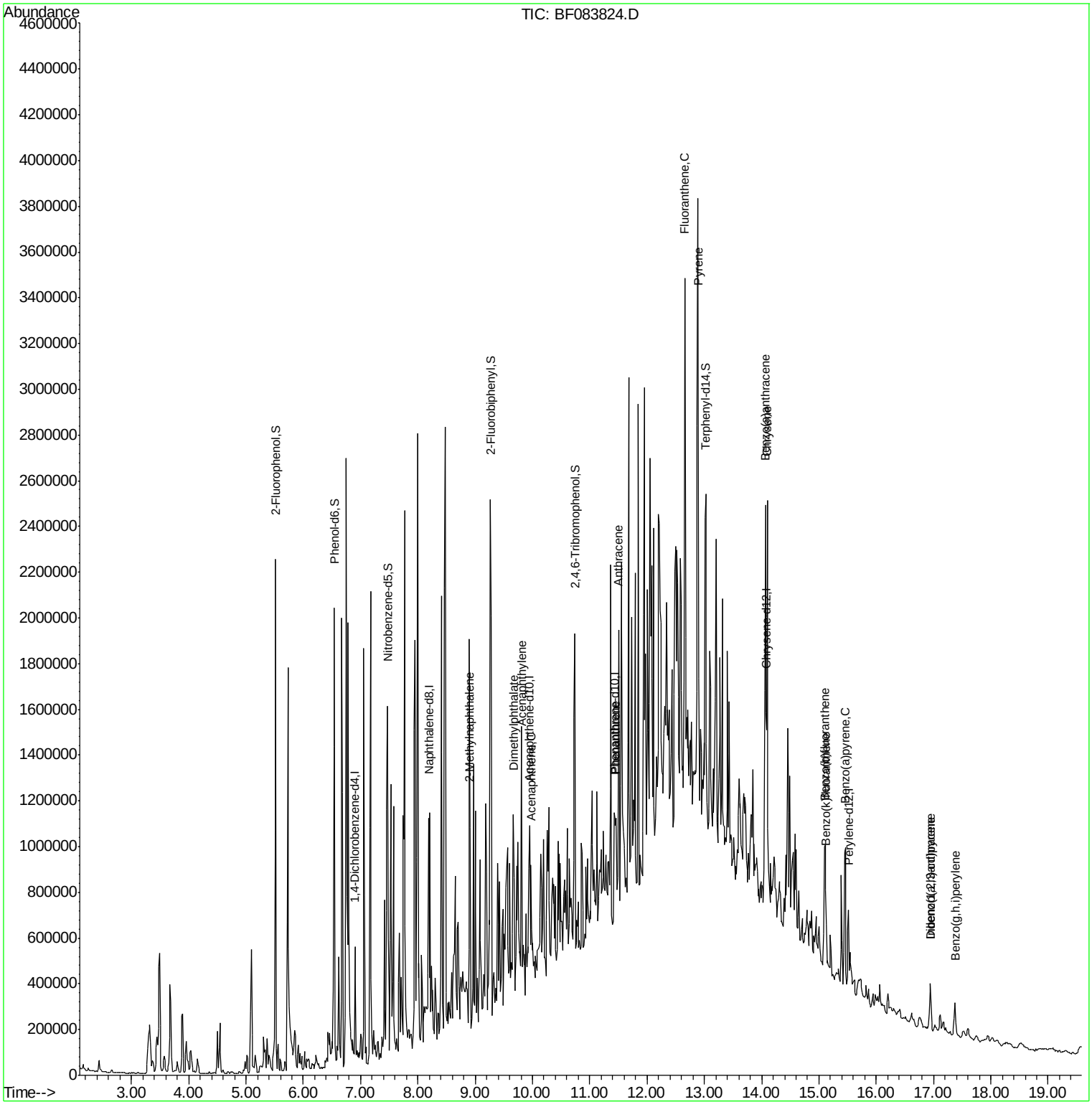
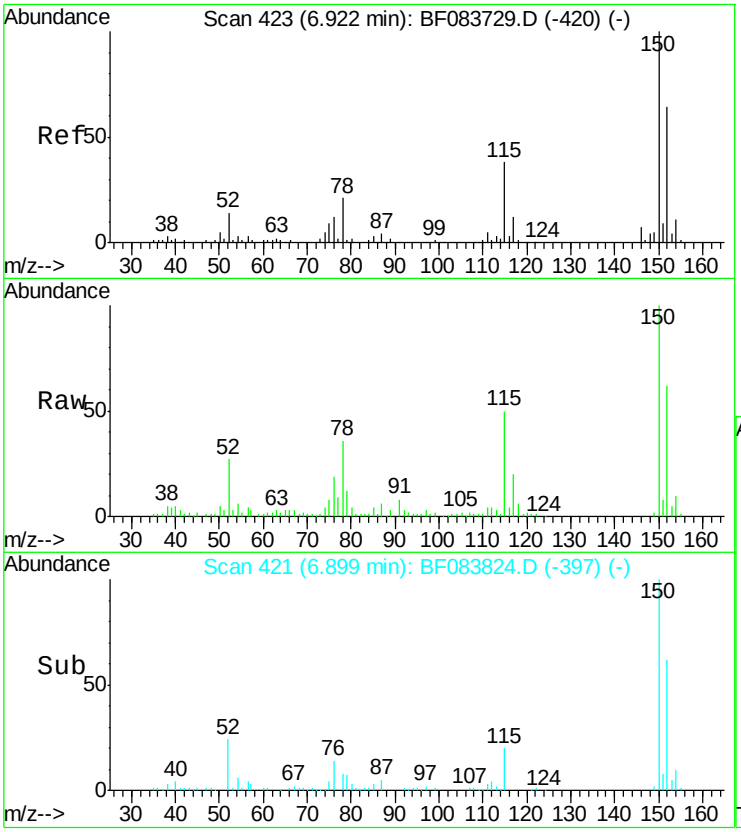


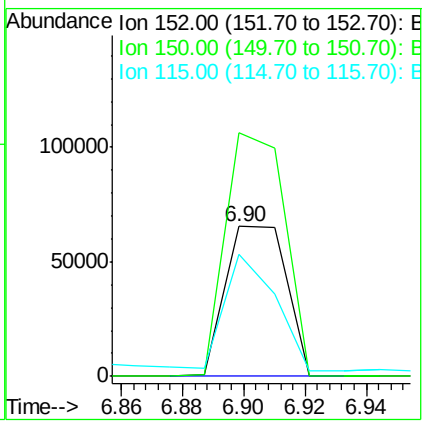


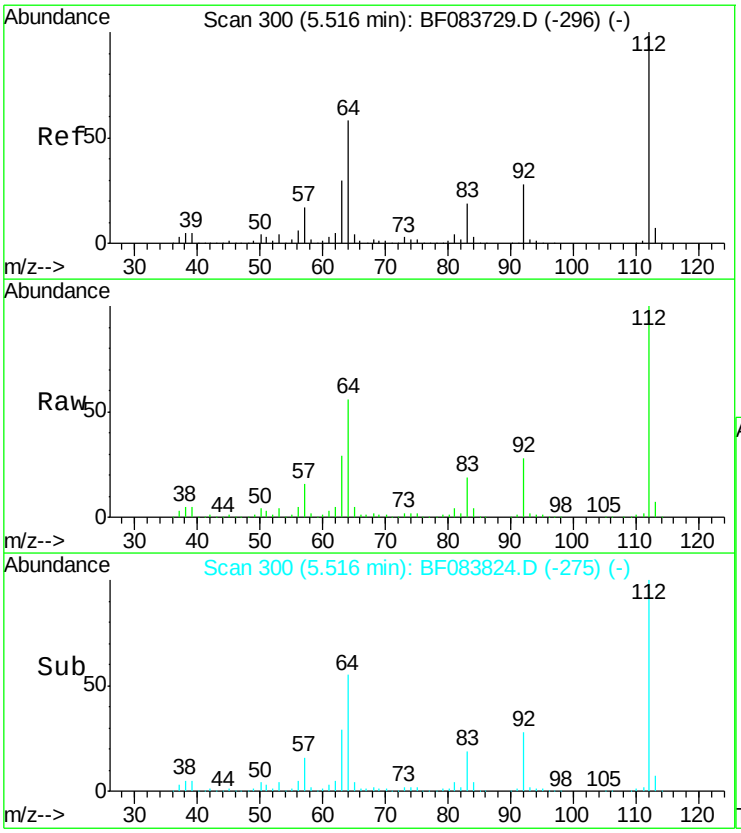
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:152 Resp: 89717

Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.5	189.7
115	81.4	52.3	78.5#

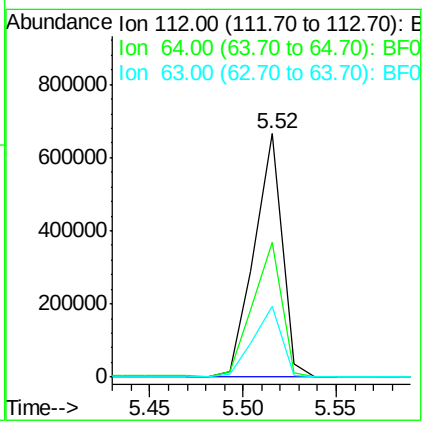


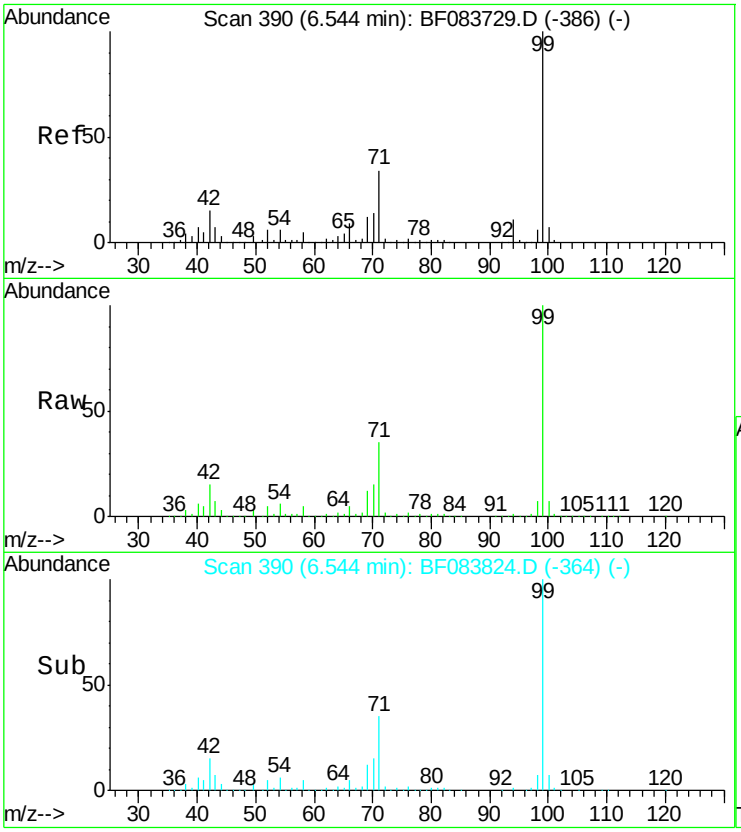


#5
2-Fluorophenol
Concen: 124.22 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:112 Resp: 690799

Ion	Ratio	Lower	Upper
112	100		
64	55.5	50.5	75.7
63	29.1	25.8	38.6



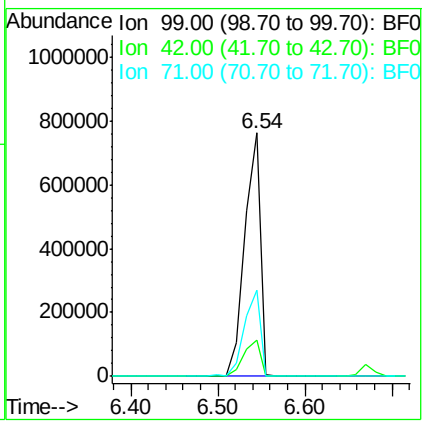


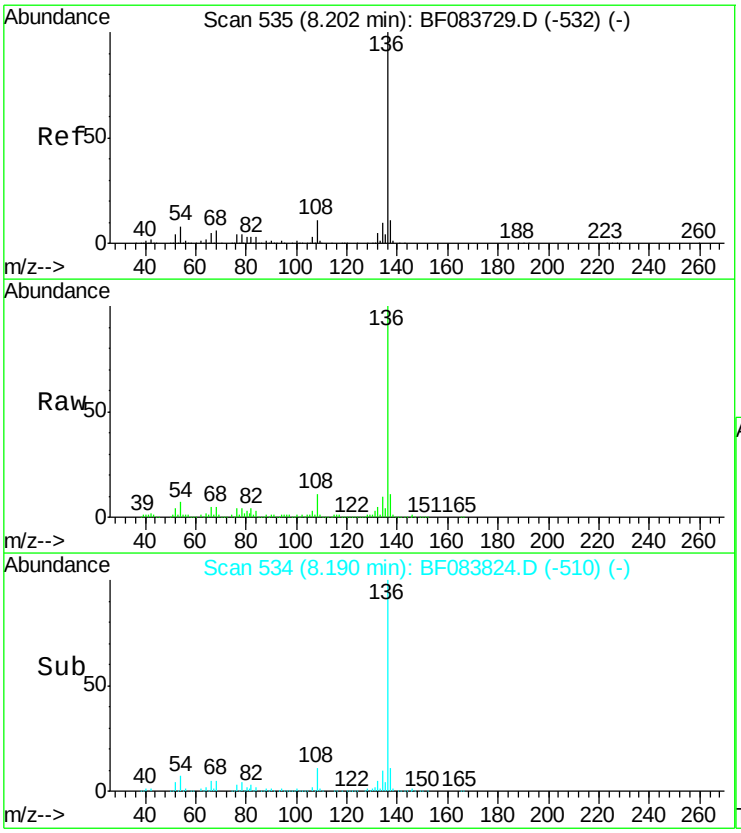
#7
Phenol-d6
Concen: 136.21 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion: 99 Resp: 959279

Ion	Ratio	Lower	Upper
99	100		
42	14.8	17.3	25.9#
71	35.2	26.6	40.0

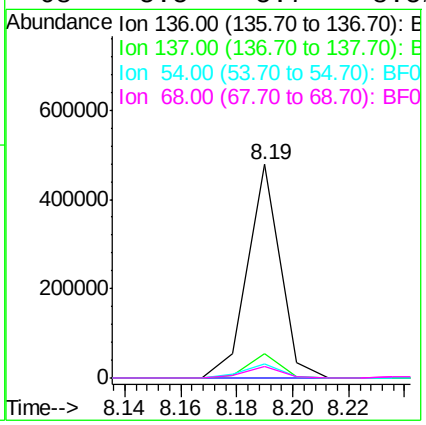


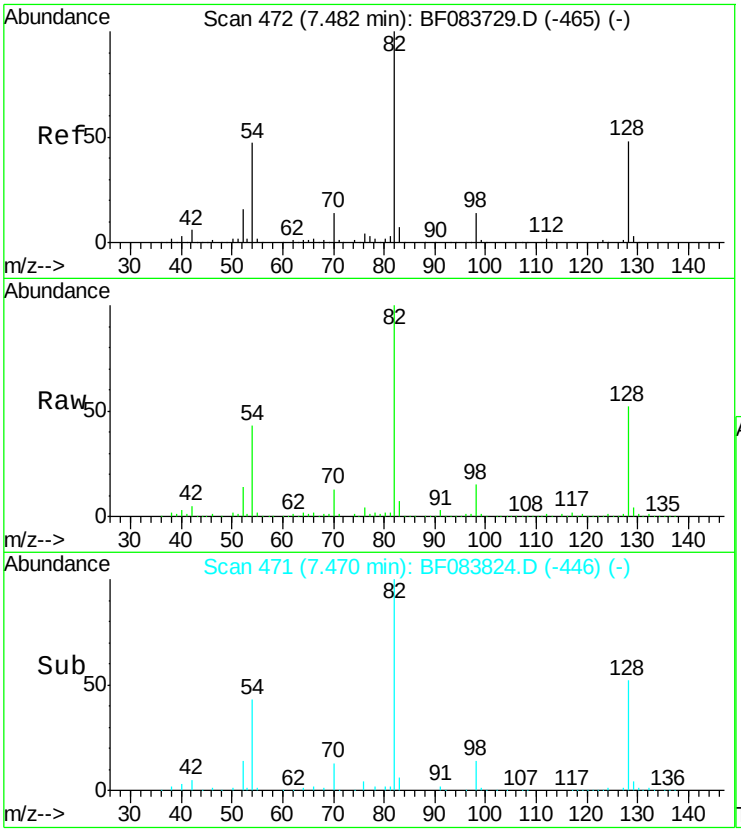


#21
Naphthalene-d8
Concen: 20.00 ng m
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:136 Resp: 390623

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.8	7.8	11.6#
68	5.5	5.7	8.5#



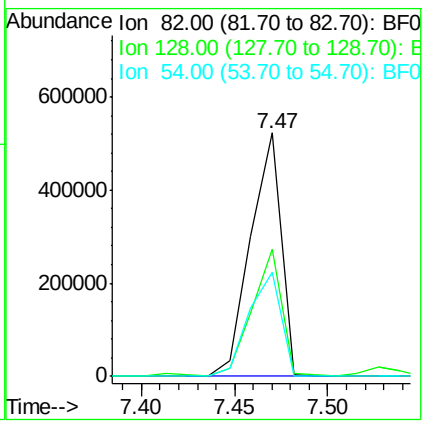


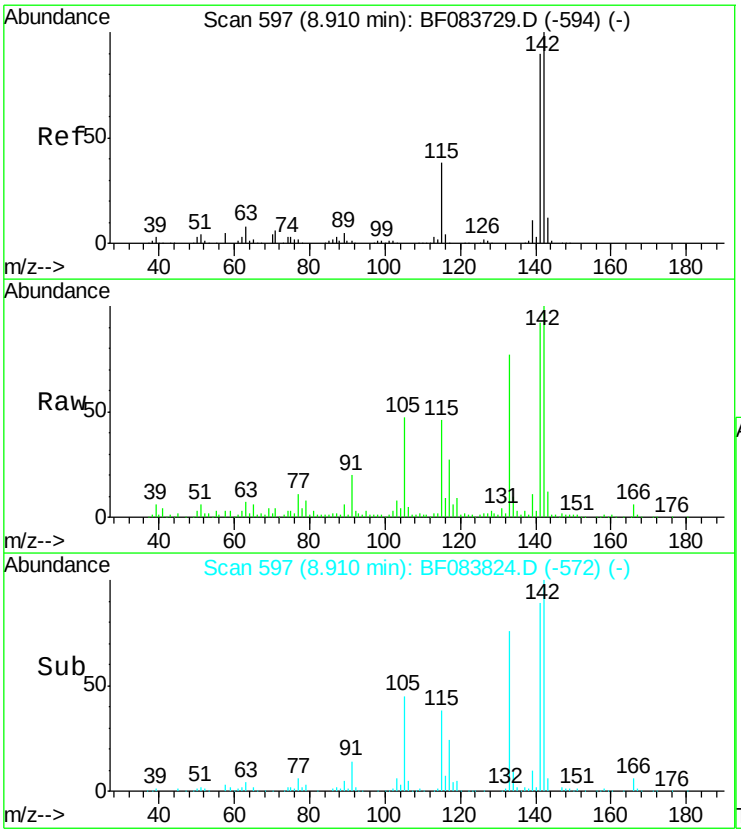
#23
Nitrobenzene-d5
Concen: 84.18 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion: 82 Resp: 587725

Ion	Ratio	Lower	Upper
82	100		
128	52.1	30.7	46.1#
54	42.7	42.5	63.7

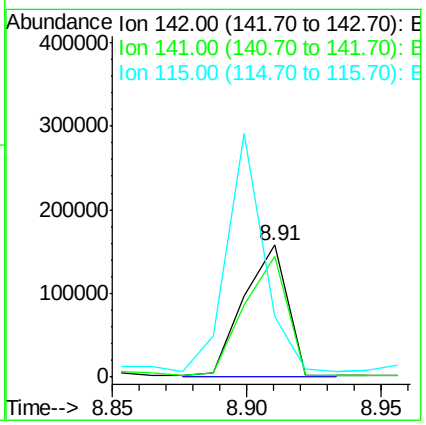


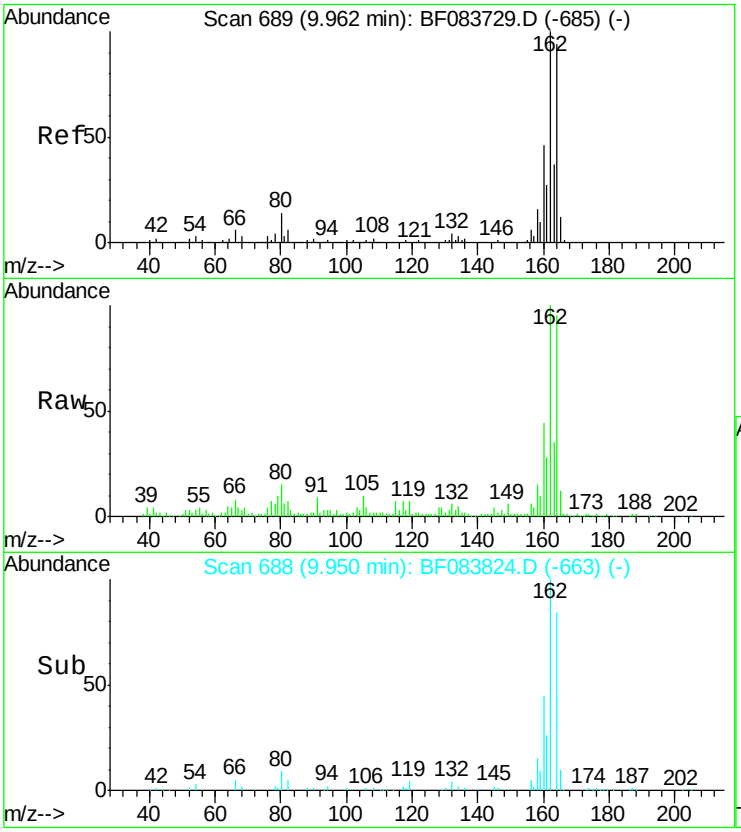


#37
2-Methylnaphthalene
Concen: 14.09 ng m
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:142 Resp: 180181

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.3	105.5
115	46.3	29.2	43.8#



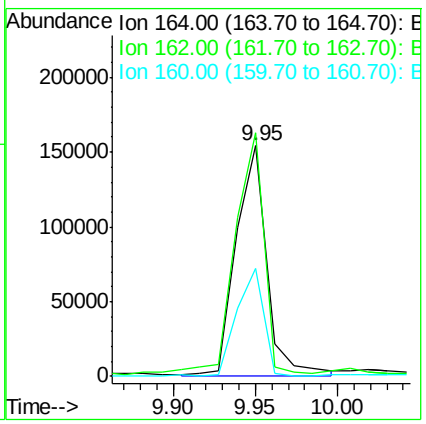


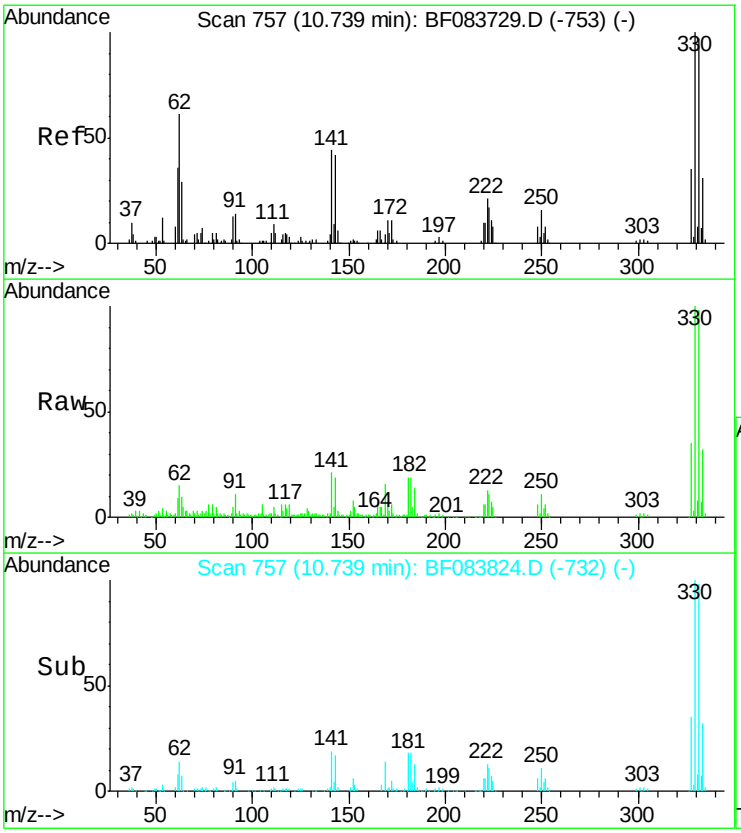
#38
Acenaphthene-d10
Concen: 20.00 ng m
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:164 Resp: 204018

Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	46.9	33.4	50.2

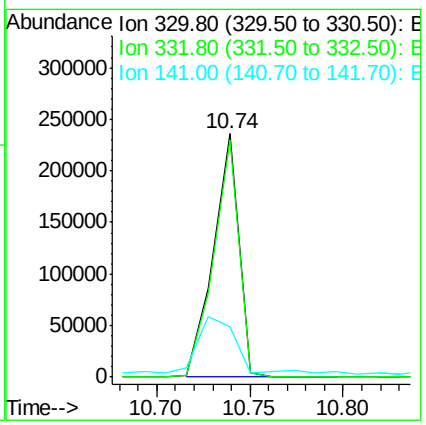


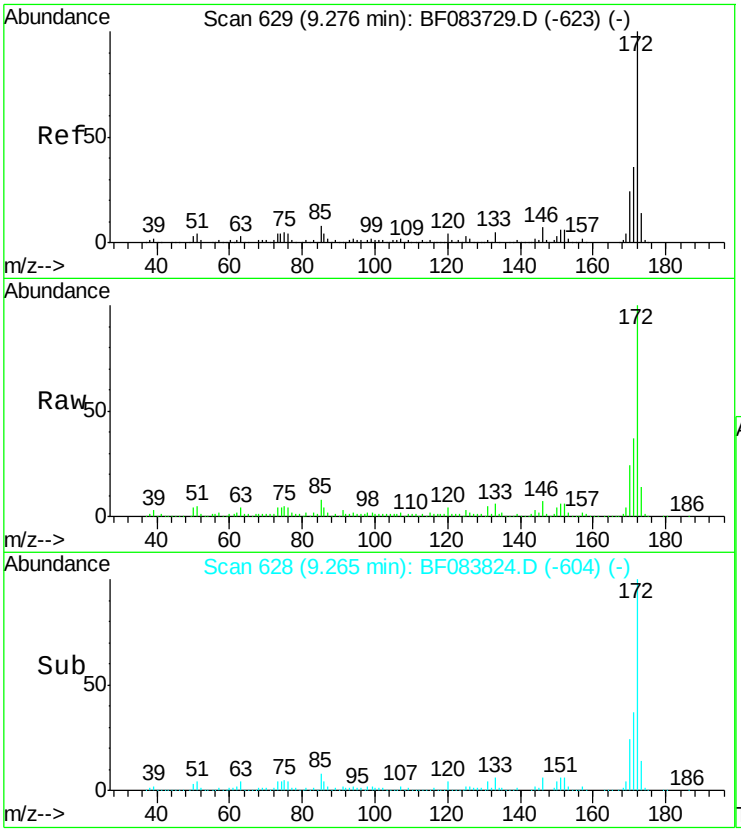


#41
2,4,6-Tribromophenol
Concen: 107.84 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:330 Resp: 224194

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	29.3	0.0	0.0#



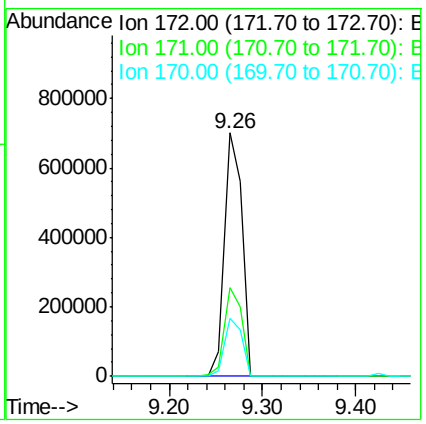


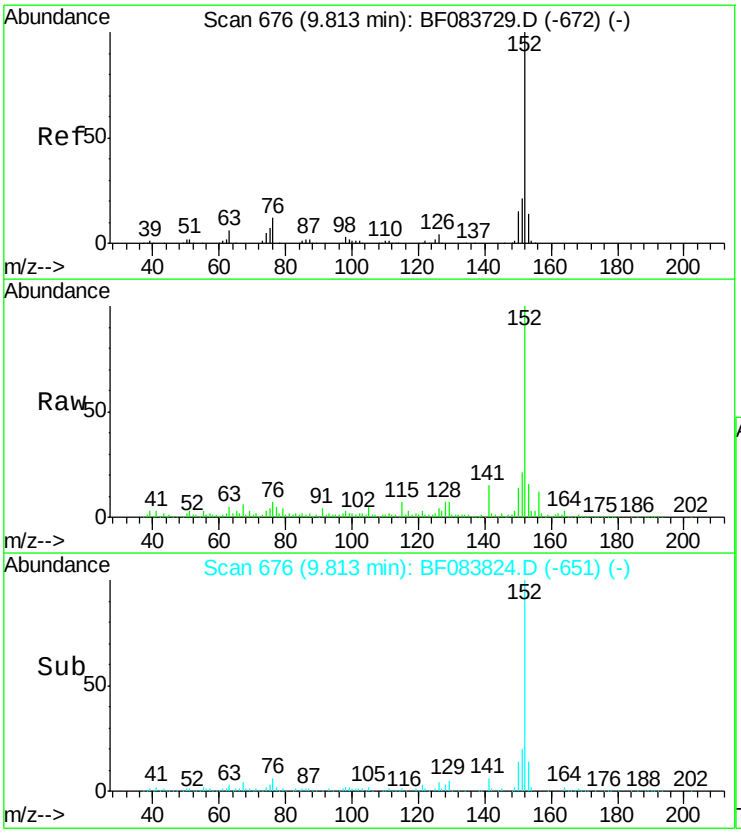
#44
2-Fluorobiphenyl
Concen: 60.74 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:172 Resp: 918745

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	24.0	19.4	29.0

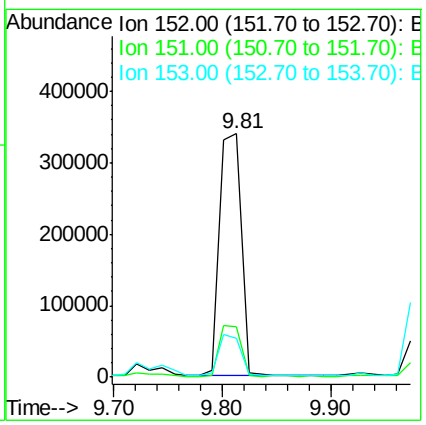


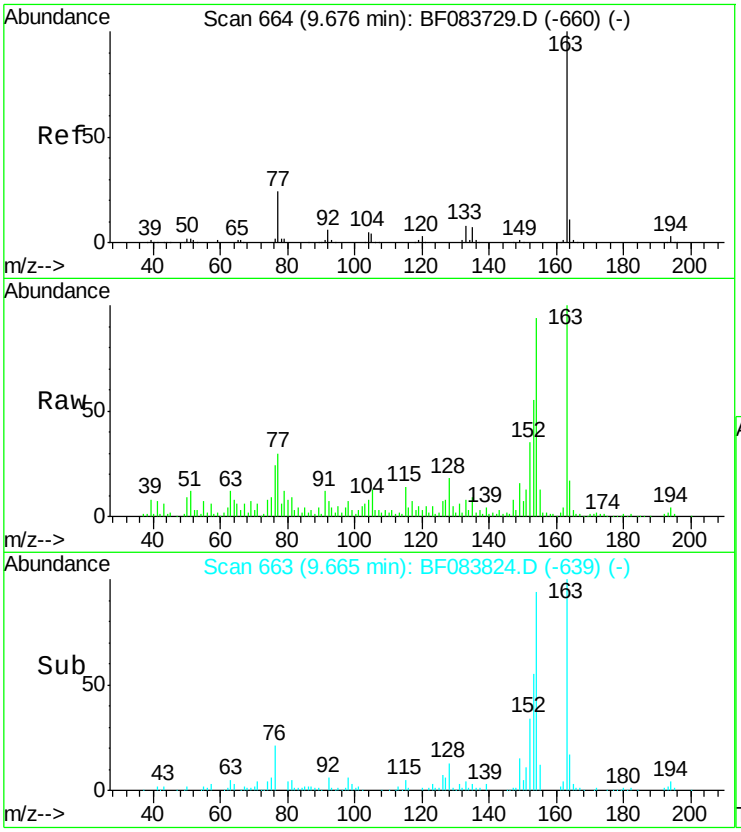


#48
Acenaphthylene
Concen: 21.14 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:152 Resp: 474695

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	15.8	10.8	16.2



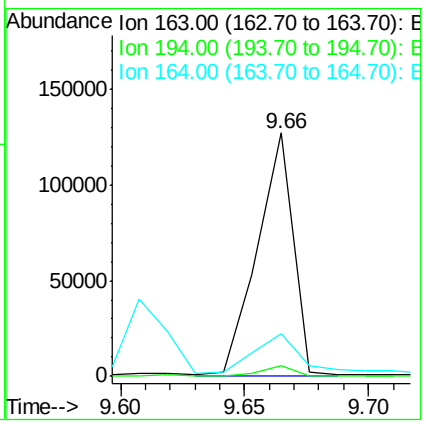


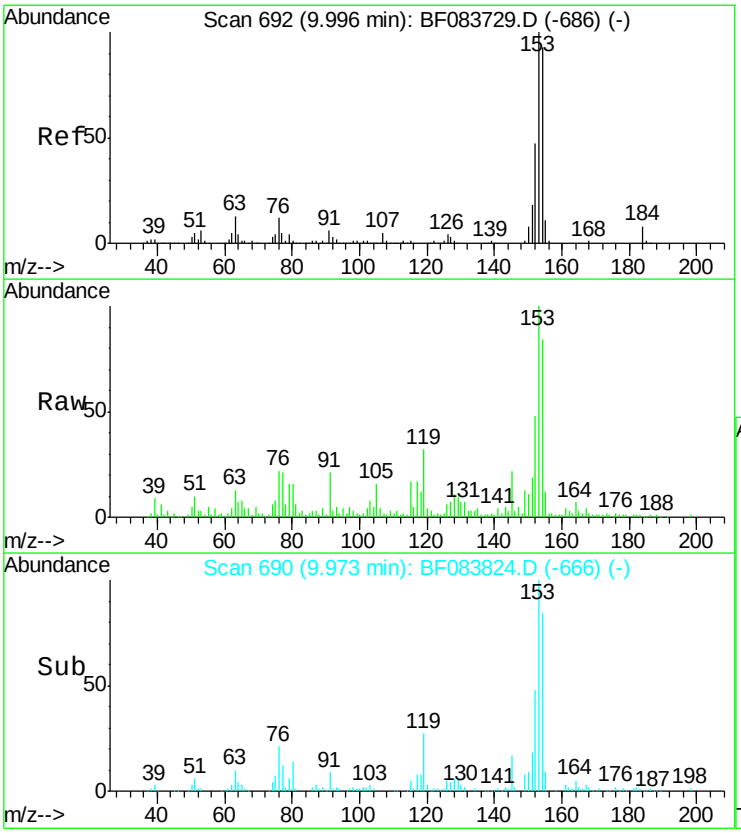
#49
Dimethylphthalate
Concen: 8.02 ng m
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:163 Resp: 127498

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.8	4.2#
164	17.3	8.6	13.0#

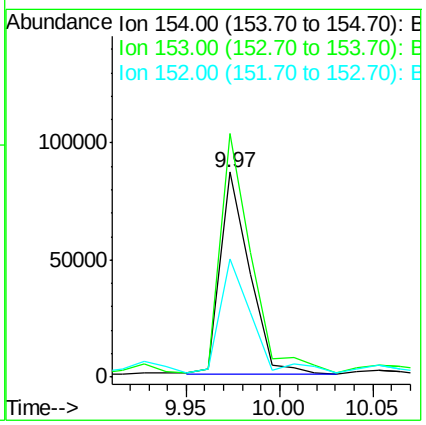


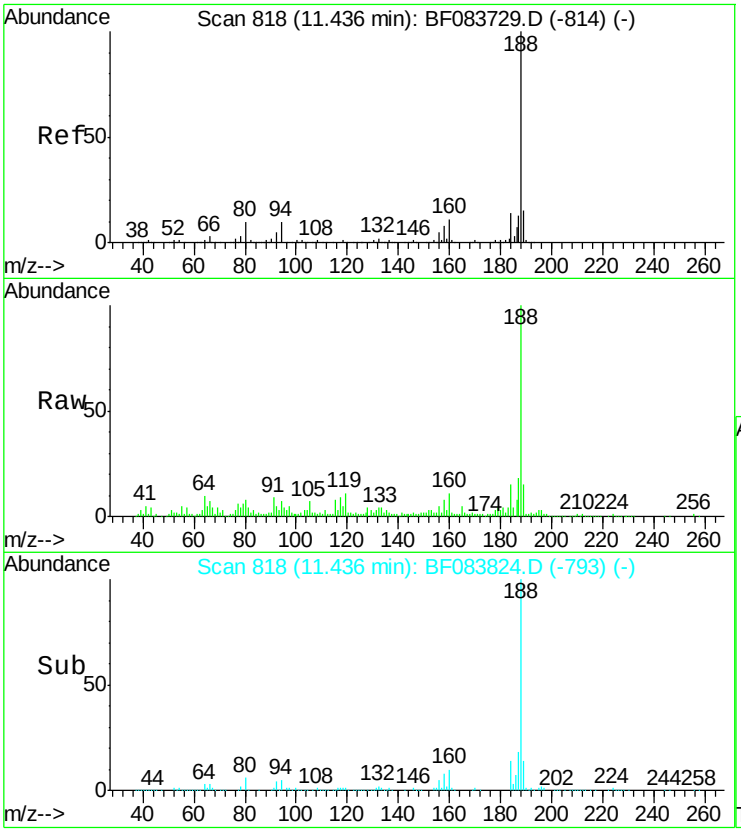


#51
Acenaphthene
Concen: 7.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:154 Resp: 94967

Ion	Ratio	Lower	Upper
154	100		
153	118.9	91.4	137.0
152	57.6	43.4	65.2



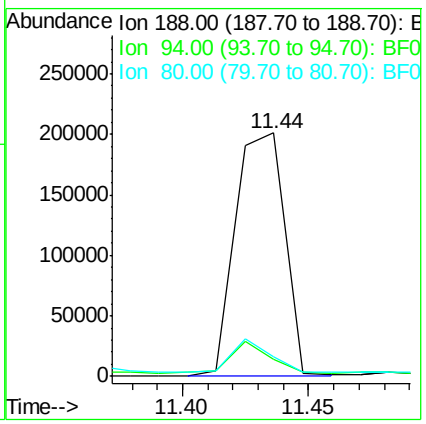


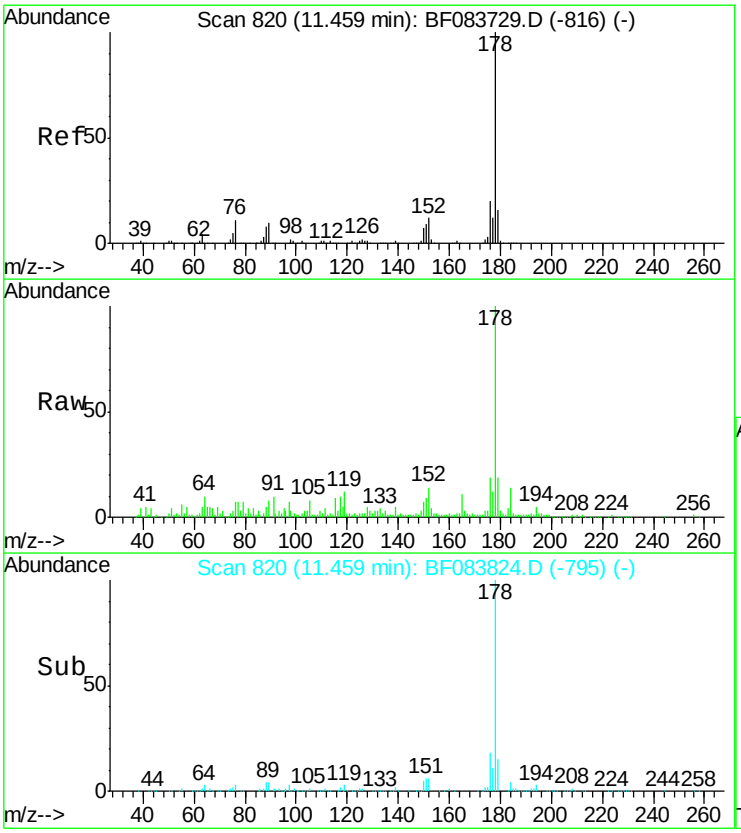
#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:188 Resp: 273989

Ion	Ratio	Lower	Upper
188	100		
94	7.3	9.4	14.2#
80	8.0	10.6	16.0#

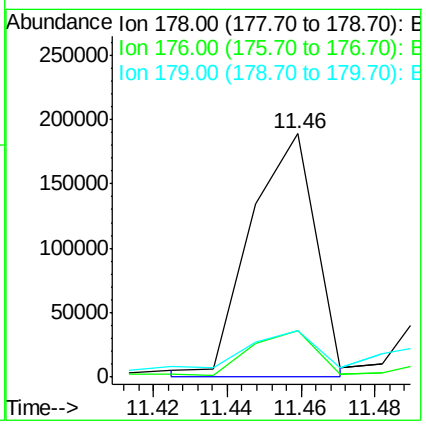


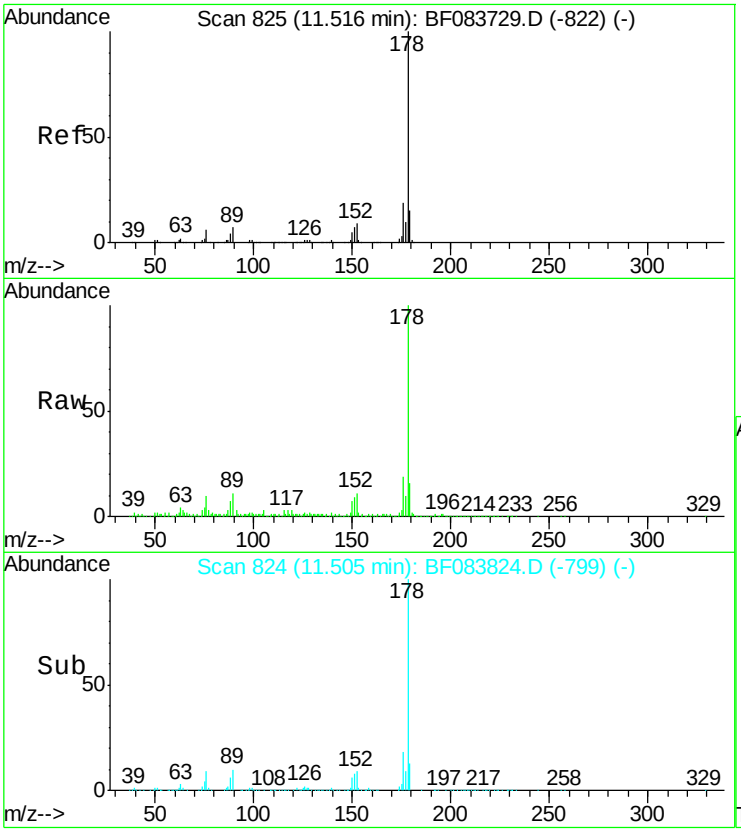


#70
Phenanthrene
Concen: 15.86 ng m
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:178 Resp: 230823

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	19.3	12.2	18.4#



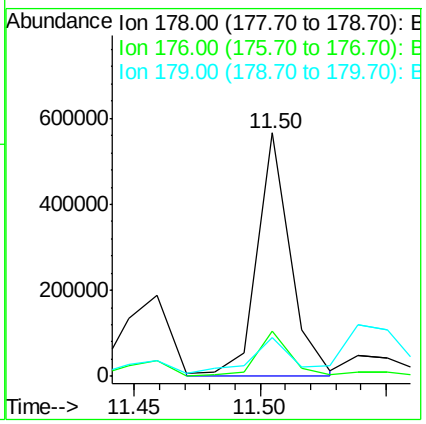


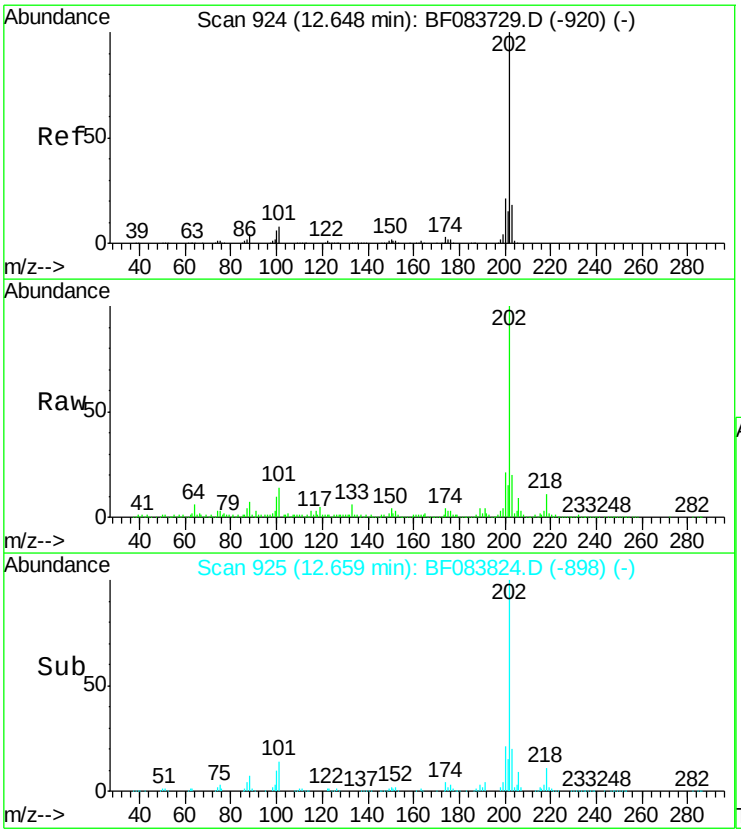
#71
Anthracene
Concen: 34.02 ng m
RT: 11.50 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:178 Resp: 514351

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	16.1	12.6	18.8

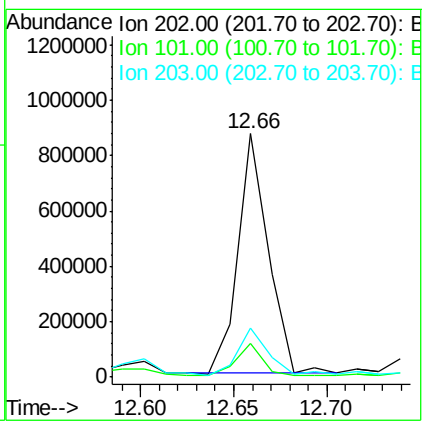


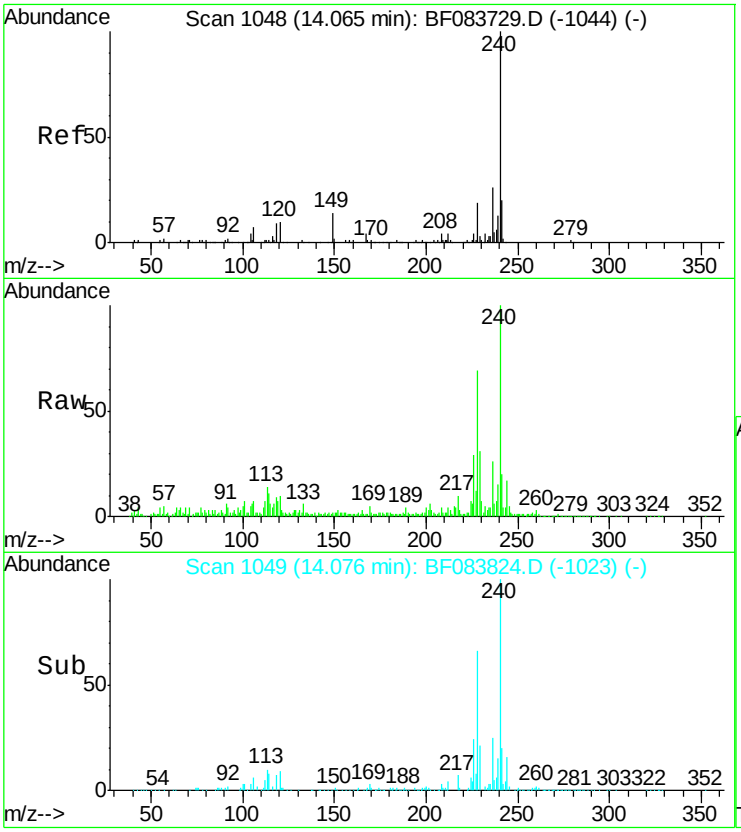


#74
Fluoranthene
Concen: 64.28 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:202 Resp: 966788

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	31.5
203	19.9	0.0	37.6



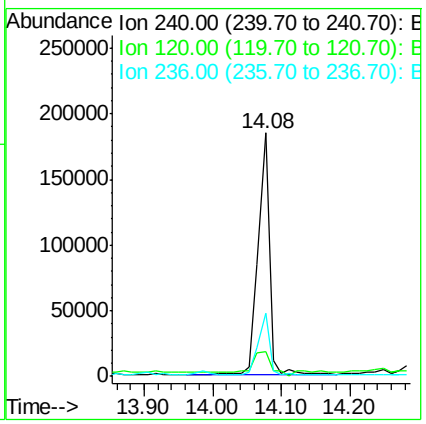


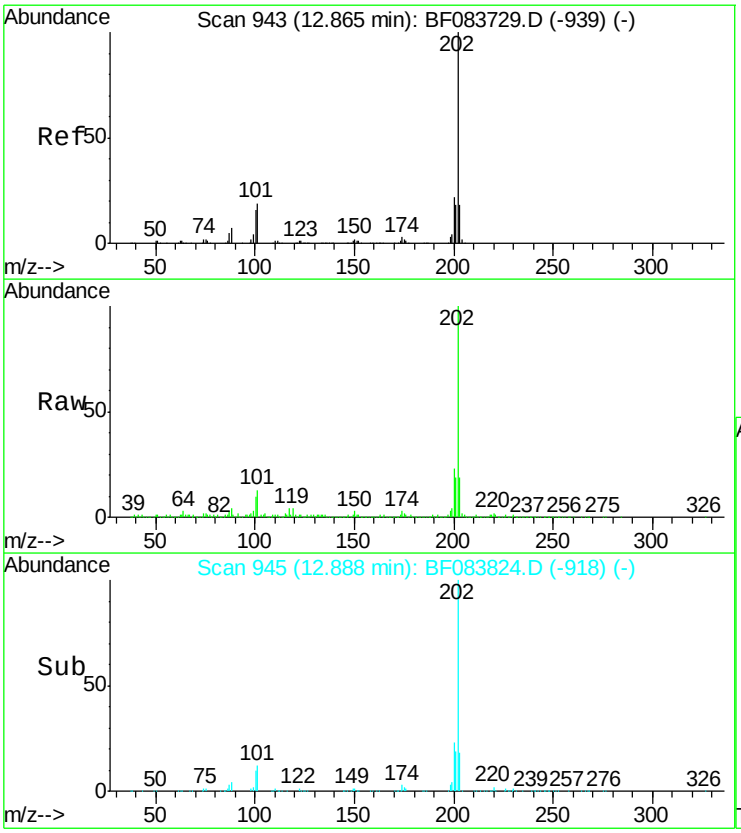
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:240 Resp: 204789

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	25.7	20.8	31.2

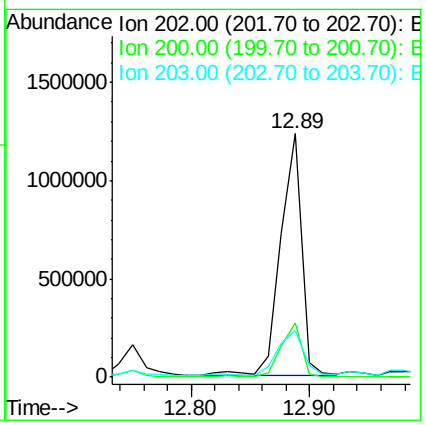


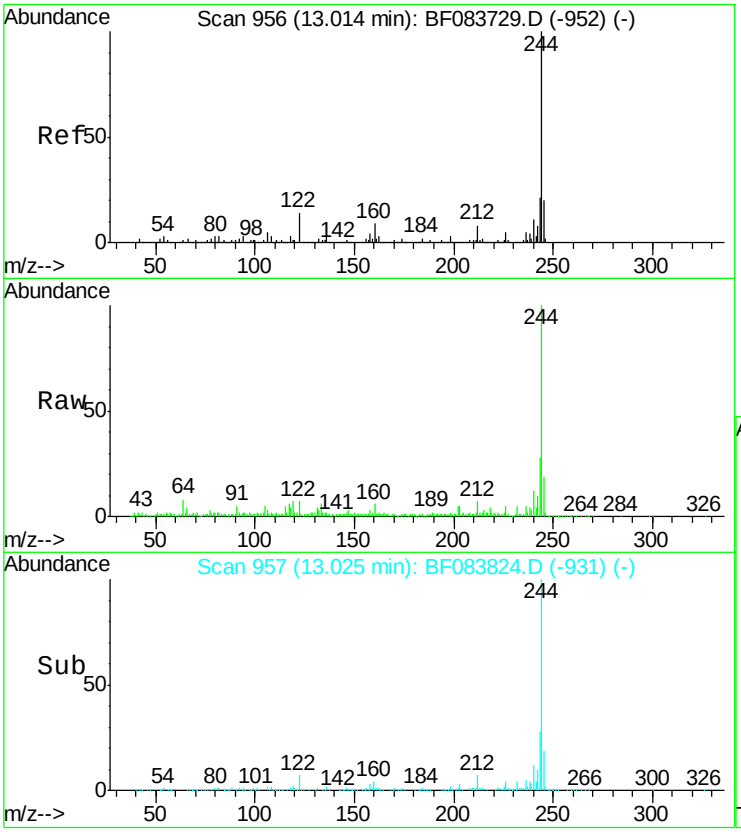


#77
Pyrene
Concen: 91.52 ng
RT: 12.89 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:202 Resp: 1481393

Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.7	25.1
203	19.1	14.3	21.5



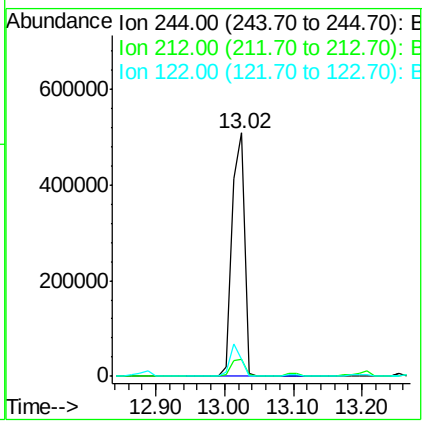


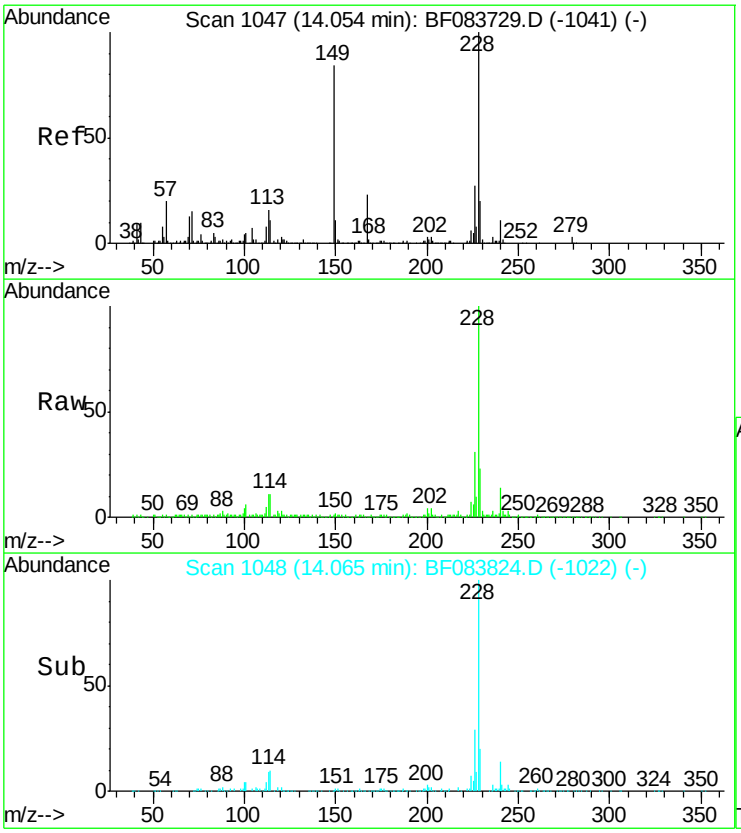
#78
Terphenyl-d14
Concen: 68.55 ng
RT: 13.02 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:244 Resp: 652589

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.1	9.1
122	7.1	11.0	16.6#

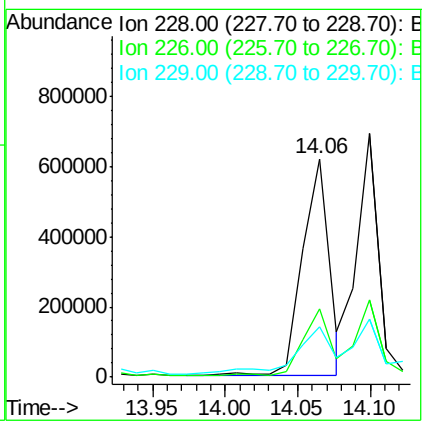


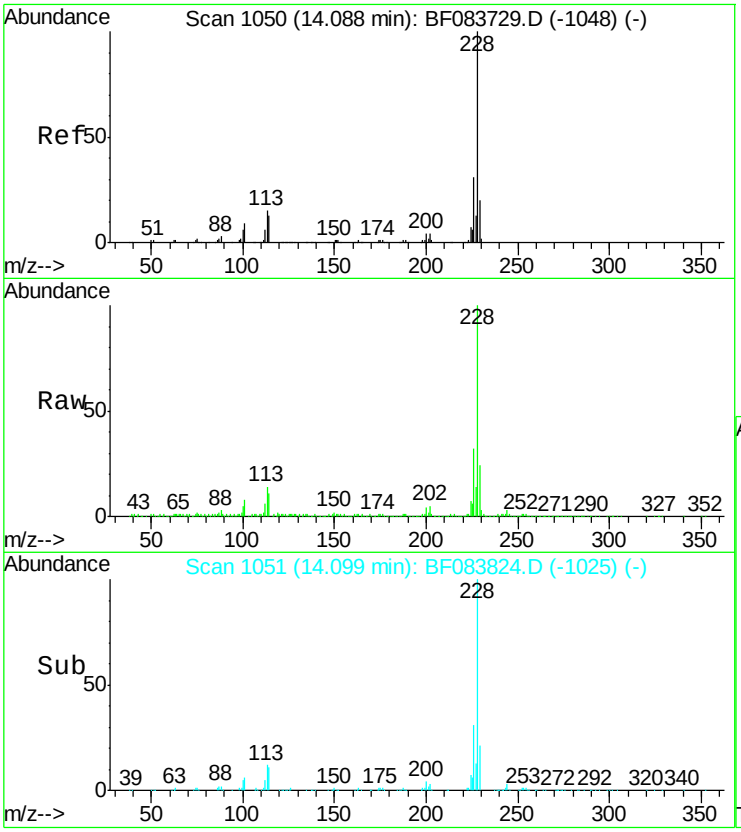


#80
Benzo(a)anthracene
Concen: 67.37 ng
RT: 14.06 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:228 Resp: 784504

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.3	33.5
229	23.3	15.7	23.5



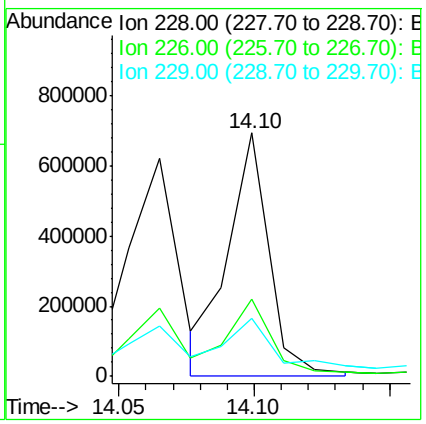


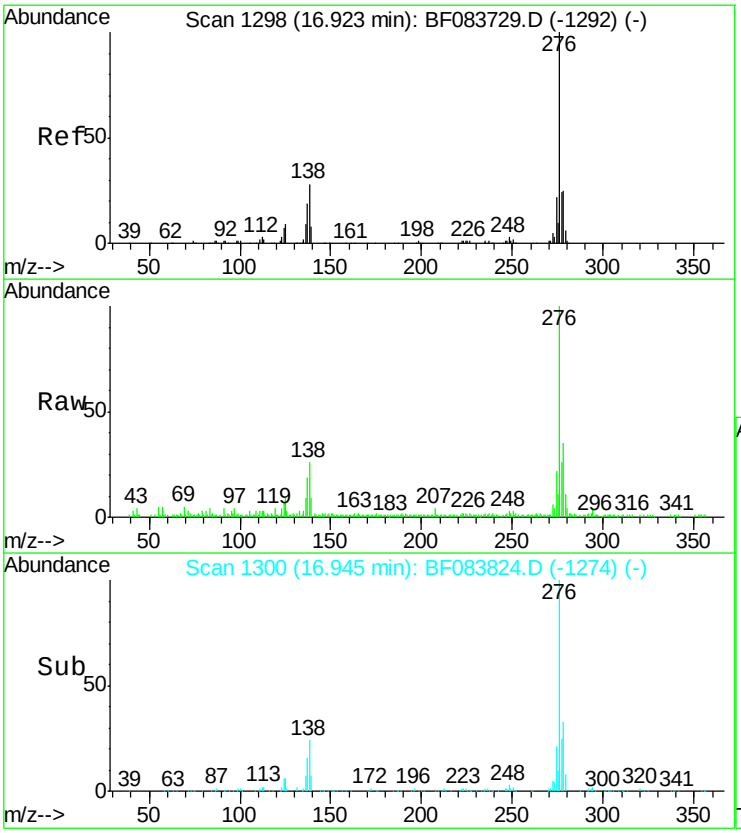
#82
Chrysene
Concen: 64.02 ng m
RT: 14.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:228 Resp: 727115

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.7	37.1
229	23.6	16.3	24.5

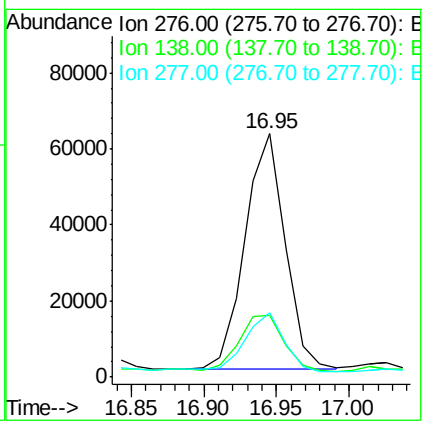


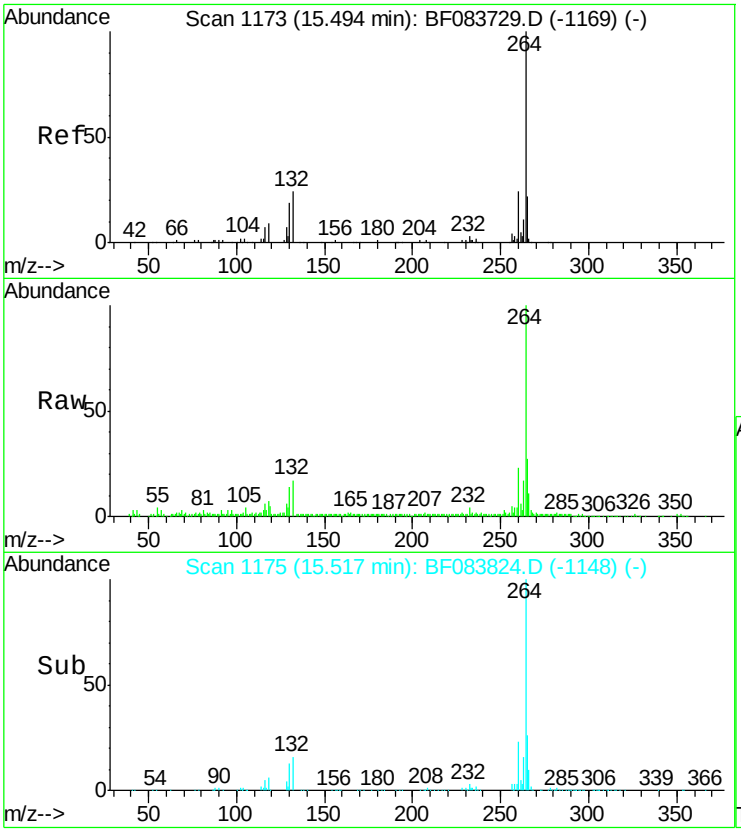


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.62 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:276 Resp: 118436

Ion	Ratio	Lower	Upper
276	100		
138	27.8	0.0	0.0#
277	24.7	0.0	0.0#



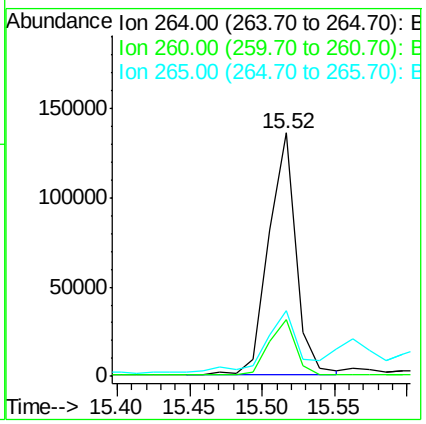


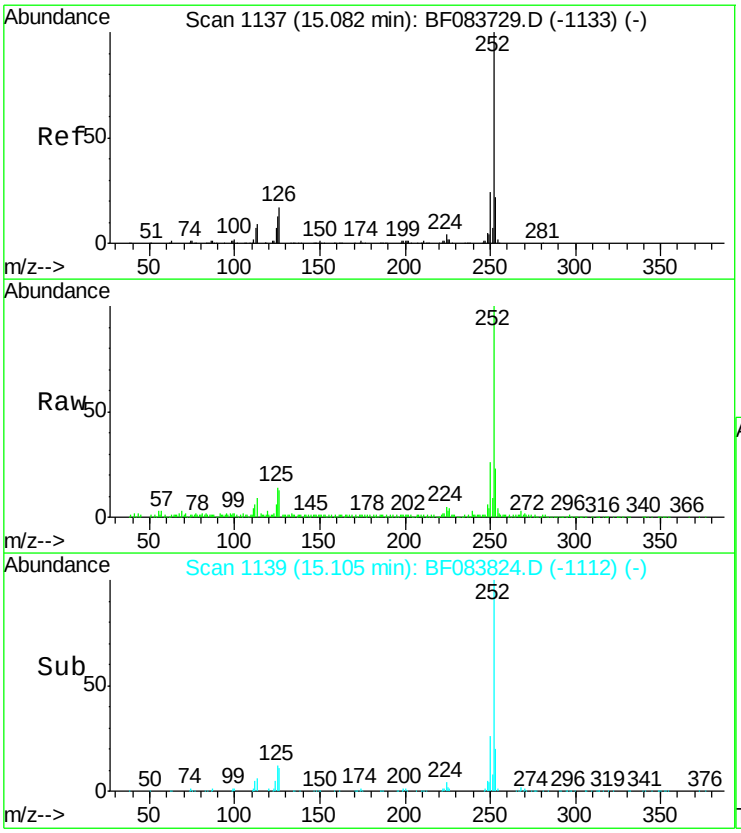
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:264 Resp: 177341

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	26.9	17.8	26.6#

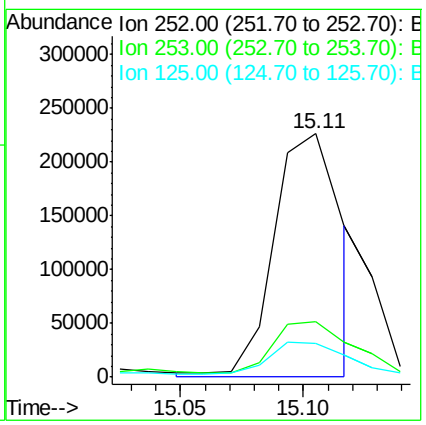


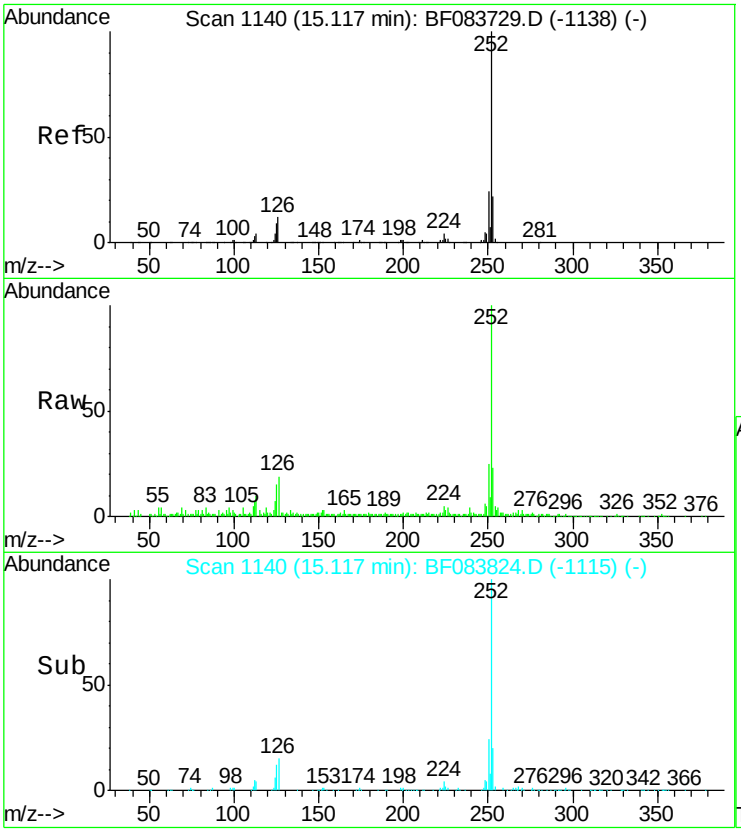


#87
Benzo(b)fluoranthene
Concen: 38.29 ng m
RT: 15.11 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:252 Resp: 433225

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	14.1	8.2	12.4#



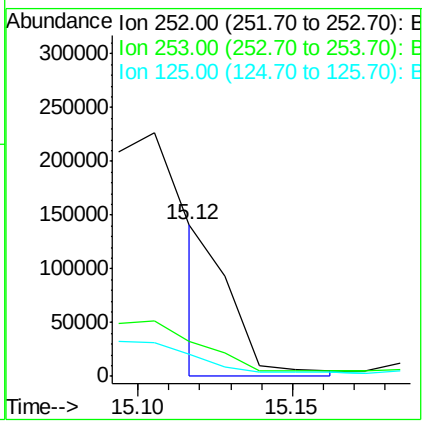


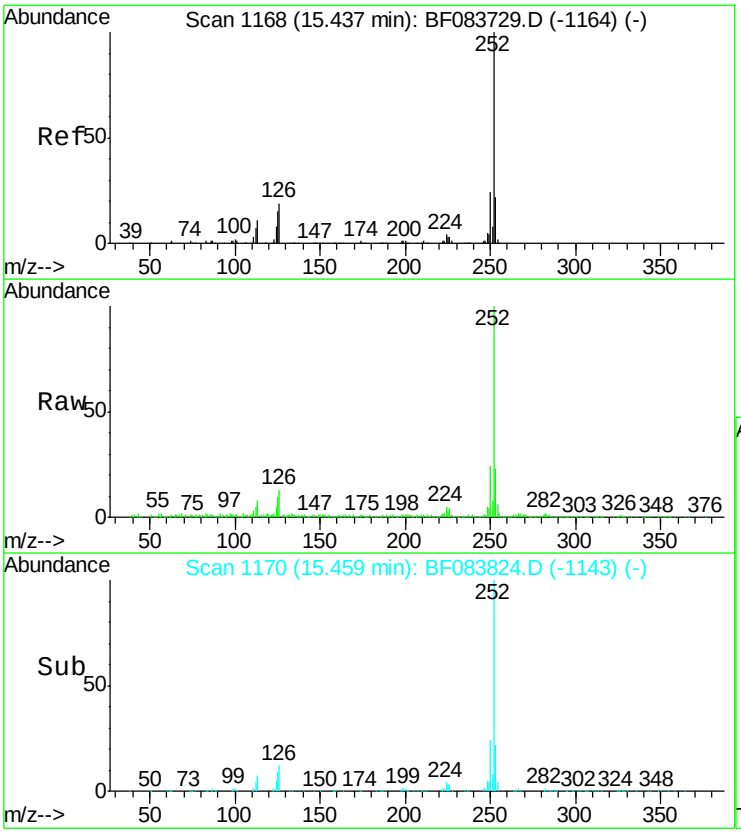
#88
Benzo(k)fluoranthene
Concen: 7.75 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:252 Resp: 79459

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	14.5	11.5	17.3

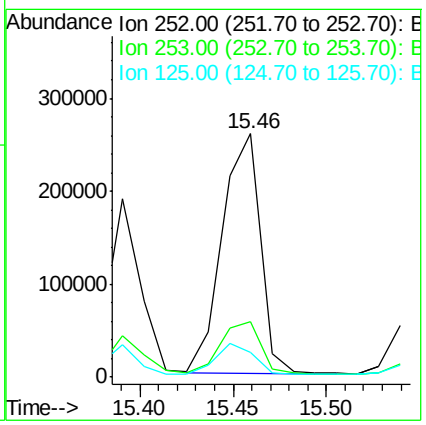


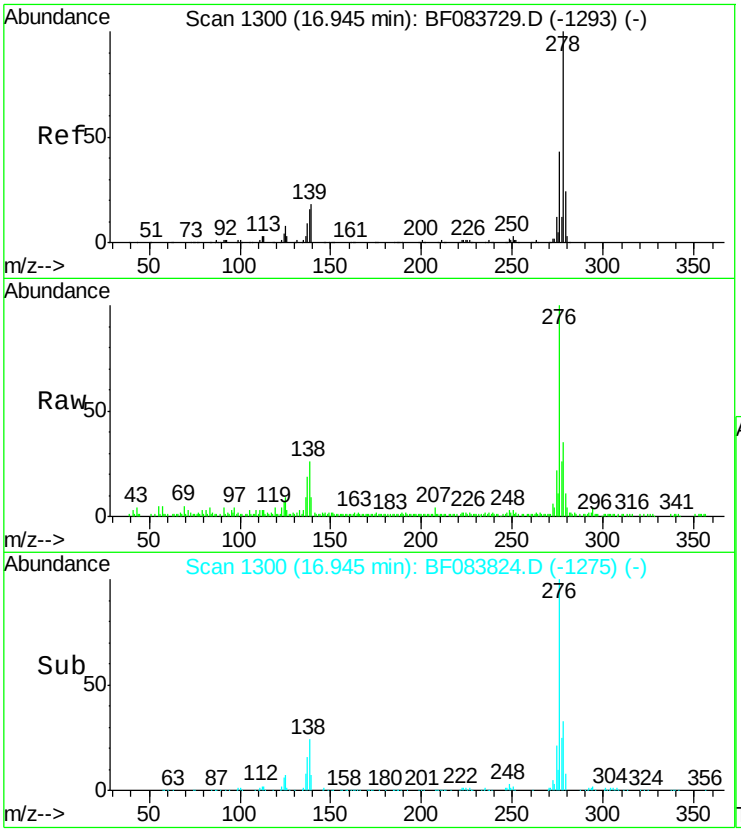


#89
Benzo(a)pyrene
Concen: 36.67 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:252 Resp: 370217

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.1	11.0	16.6#



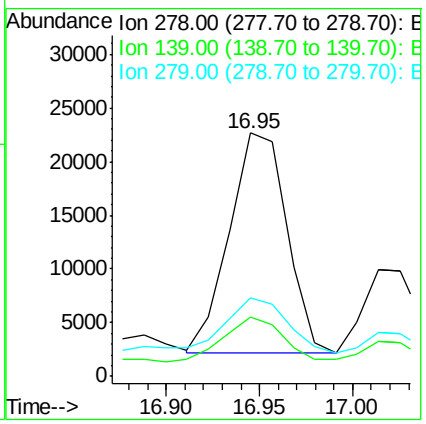


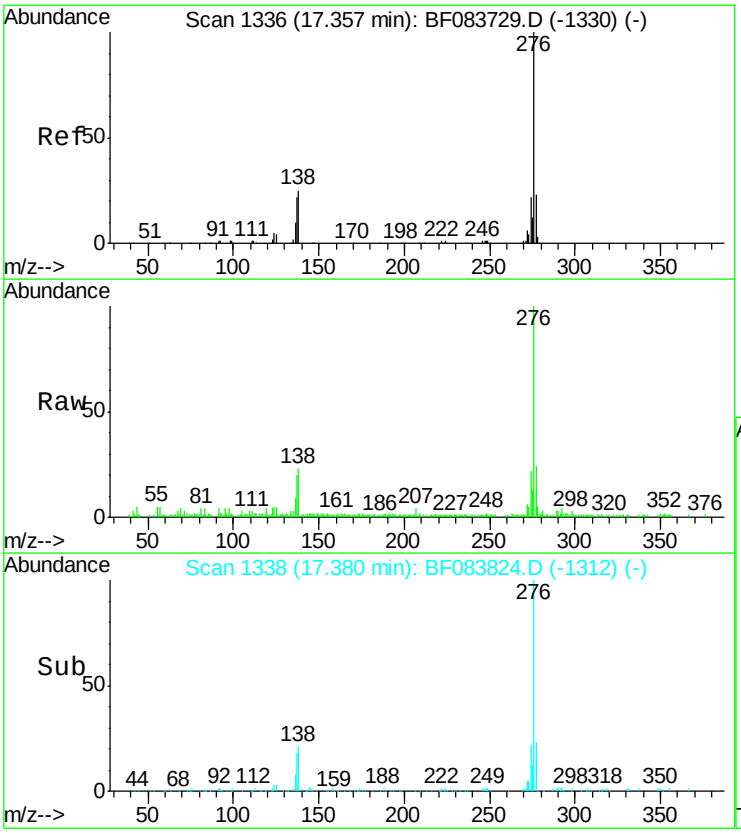
#90
Dibenzo(a,h)anthracene
Concen: 4.34 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
K211-13-14

Tgt Ion:278 Resp: 43596

Ion	Ratio	Lower	Upper
278	100		
139	24.3	12.8	19.2#
279	32.2	18.6	28.0#





#91
Benzo(g,h,i)perylene
Concen: 11.34 ng
RT: 17.38 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF083824.D
Acq: 15 Dec 2015 17:55

Tgt Ion:276 Resp: 117071

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	23.3	19.5	29.3