Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
Data File : BF081149.D
Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Time: Aug 21 23:28:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 23:26:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	58048	20.00	ng		-0.01
21) Naphthalene-d8	7.84	136	255640	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	109557	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	217391	20.00	ng		0.00
75) Chrysene-d12	13.67	240	147852	20.00	ng		0.00
86) Perylene-d12	15.00	264	124506	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	430835	111.64	ng		0.01
7) Phenol-d6	6.21	99	593218	117.81	ng		0.00
23) Nitrobenzene-d5	7.12	82	358265	64.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.37	330	102816	108.26	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	539653	64.54	ng		-0.01
78) Terphenyl-d14	12.64	244	514323	74.58	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.12	70	49116	14.08	ng	#	71
31) Naphthalene	7.86	128	55662	3.91	ng		100
37) 2-Methylnaphthalene	8.55	142	18339	2.04	ng		93
49) Dimethylphthalate	9.32	163	92462	10.25	ng		99
51) Acenaphthene	9.61	154	49295	5.94	ng		98
53) 2,4-Dinitrophenol	9.44	184	274	2.95	ng	#	1
54) Dibenzofuran	9.78	168	27299	2.45	ng	#	93
57) Fluorene	10.13	166	37263	4.35	ng		97
66) 4-Bromophenyl-phenylether	10.37	248	8617	4.03	ng	#	1
70) Phenanthrene	11.08	178	299246	23.23	ng		100
71) Anthracene	11.12	178	79796	6.36	ng		97
74) Fluoranthene	12.27	202	455803	32.79	ng		93
77) Pyrene	12.48	202	466913	38.85	ng		99
80) Benzo(a)anthracene	13.66	228	163869	16.53	ng		97
82) Chrysene	13.66	228	163869	18.34	ng		97
85) Indeno(1,2,3-cd)pyrene	16.19	276	61525	9.81	ng		100
87) Benzo(b)fluoranthene	14.65	252	195971	22.25	ng	#	95
88) Benzo(k)fluoranthene	14.65	252	195971	23.88	ng		98
89) Benzo(a)pyrene	14.95	252	127454	16.61	ng		96
90) Dibenzo(a,h)anthracene	16.19	278	19768	3.31	ng	#	75
91) Benzo(g,h,i)perylene	16.54	276	58961	9.72	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
Data File : BF081149.D
Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Quant Time: Aug 21 23:28:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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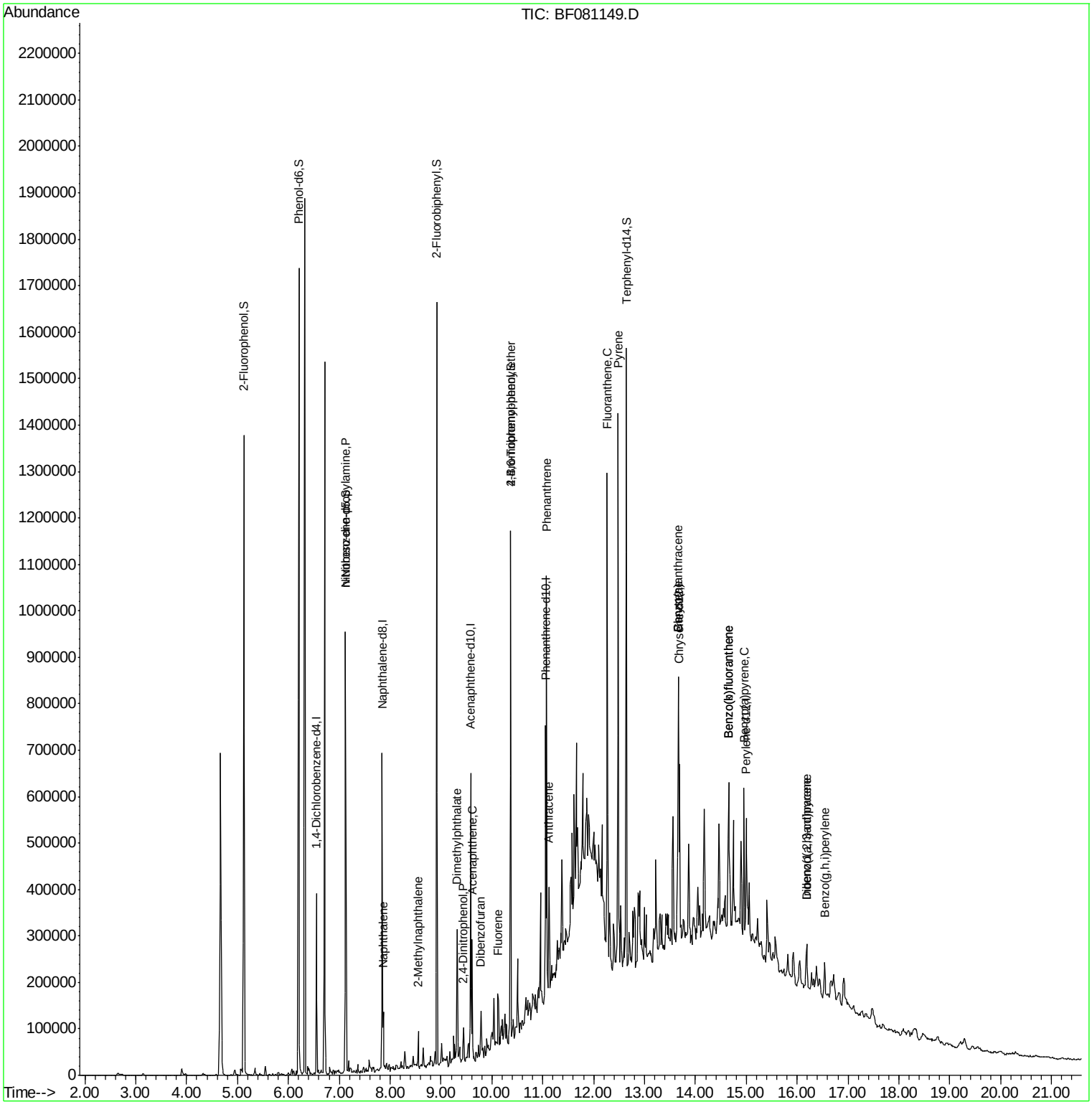
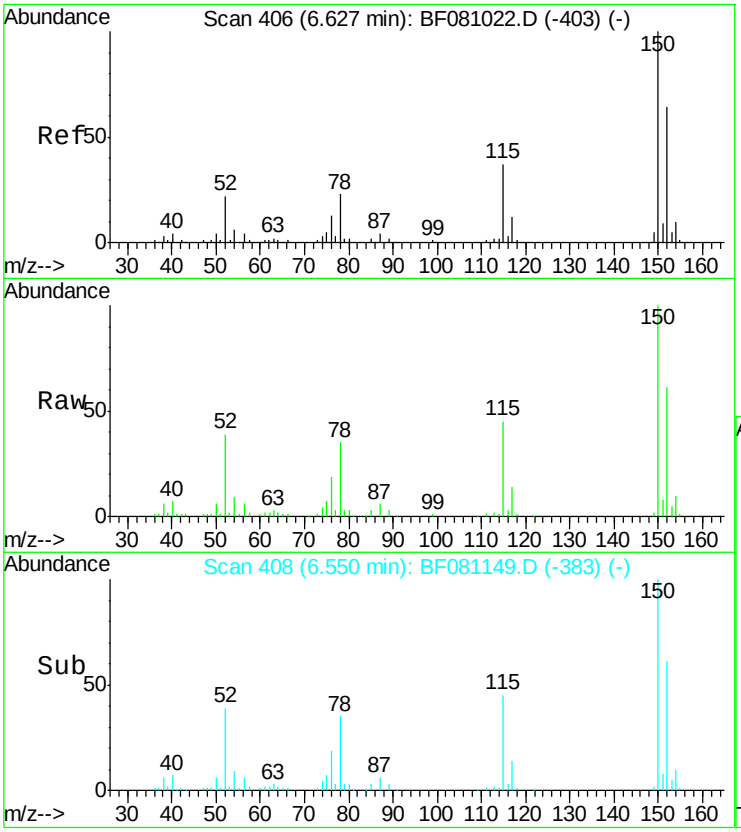


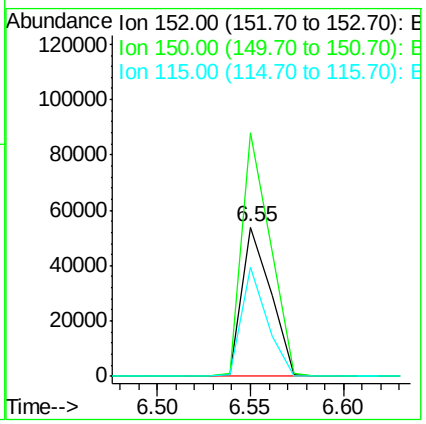


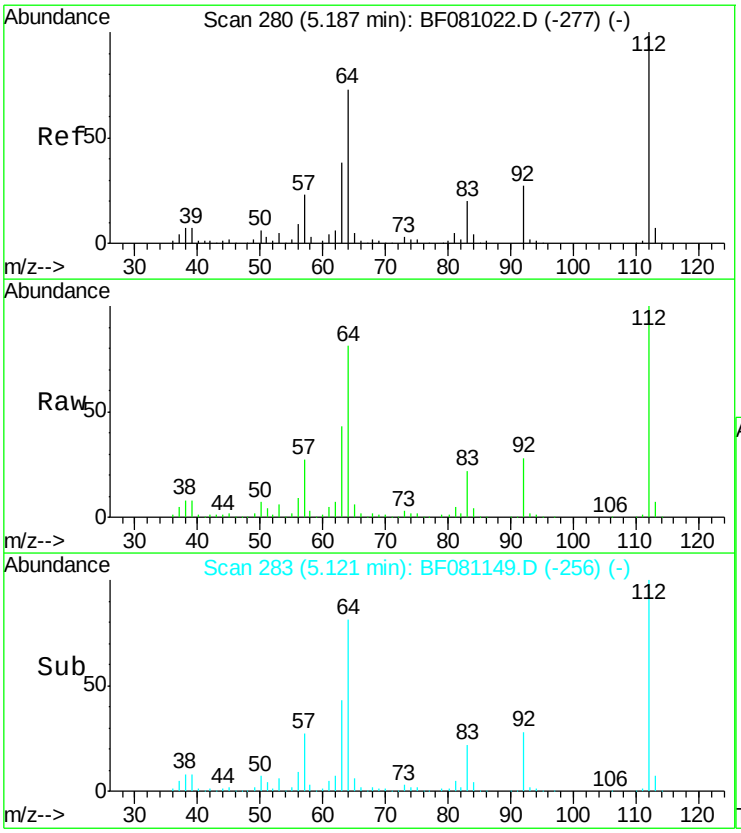
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:152 Resp: 58048

Ion	Ratio	Lower	Upper
152	100		
150	163.0	123.8	185.6
115	73.3	52.1	78.1

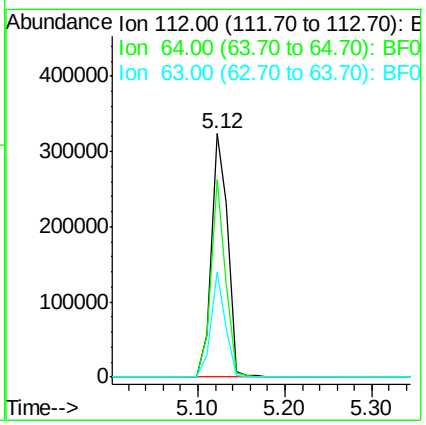


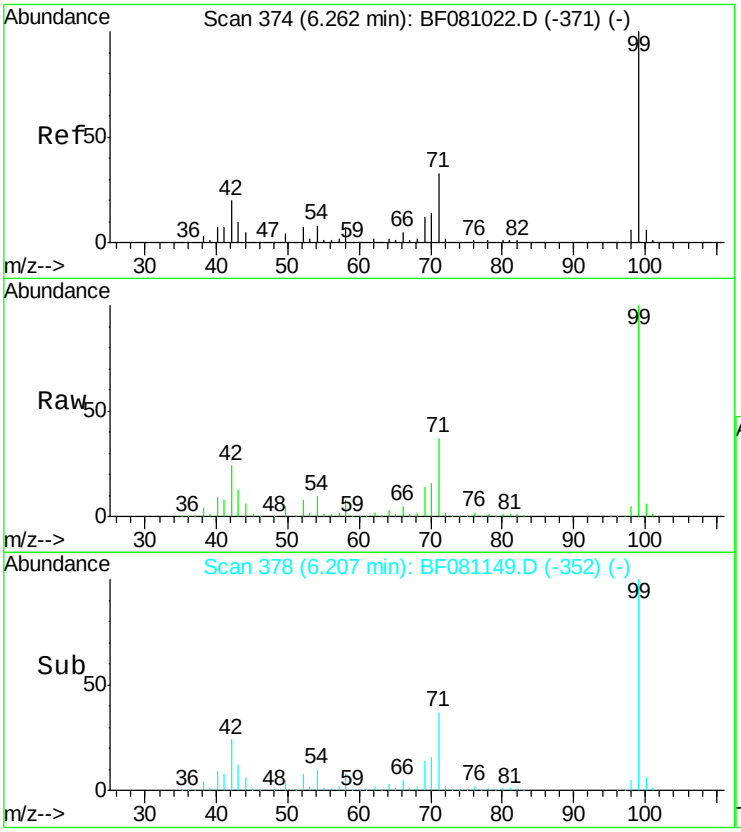


#5
2-Fluorophenol
Concen: 111.64 ng
RT: 5.12 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:112 Resp: 430835

Ion	Ratio	Lower	Upper
112	100		
64	81.0	66.9	100.3
63	43.3	38.1	57.1



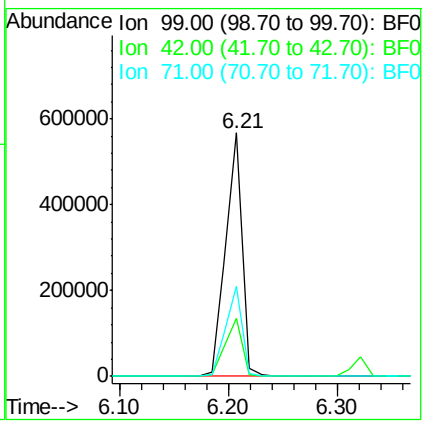


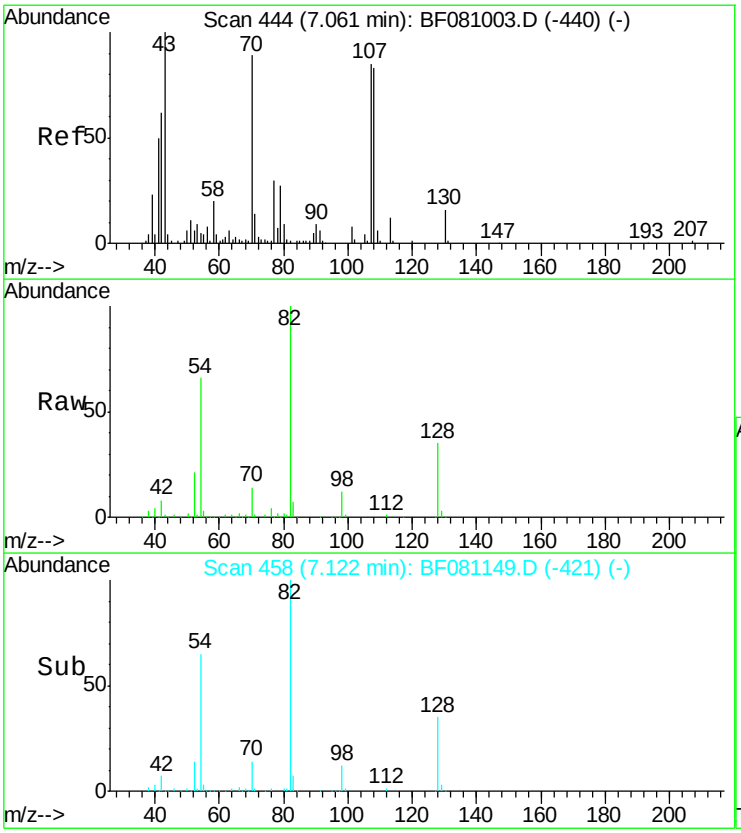
#7
Phenol-d6
Concen: 117.81 ng
RT: 6.21 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion: 99 Resp: 593218

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.6	29.4
71	37.1	31.2	46.8

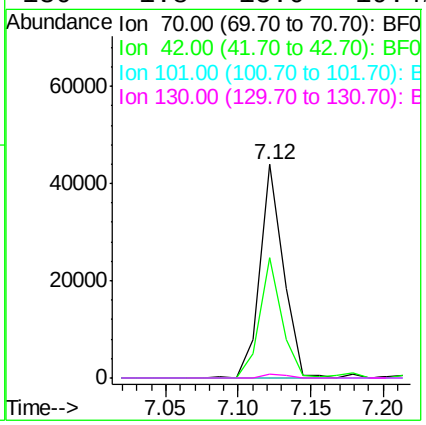


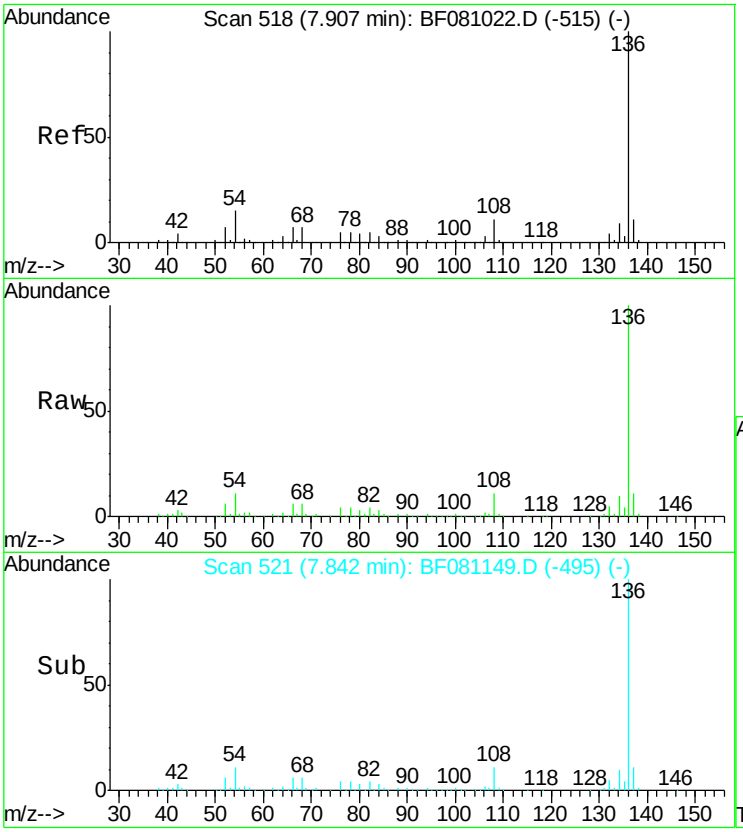


#19
n-Nitroso-di-n-propylamine
Concen: 14.08 ng
RT: 7.12 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion: 70 Resp: 49116

Ion	Ratio	Lower	Upper
70	100		
42	56.2	65.0	97.4#
101	0.0	7.4	11.2#
130	1.8	13.0	19.4#



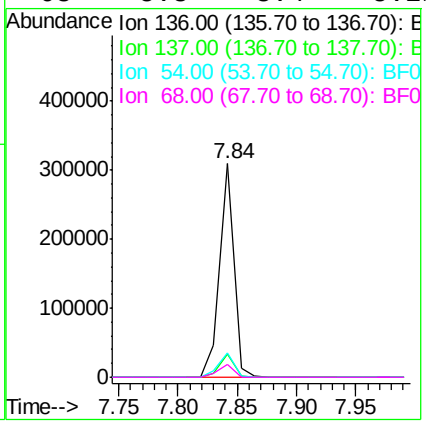


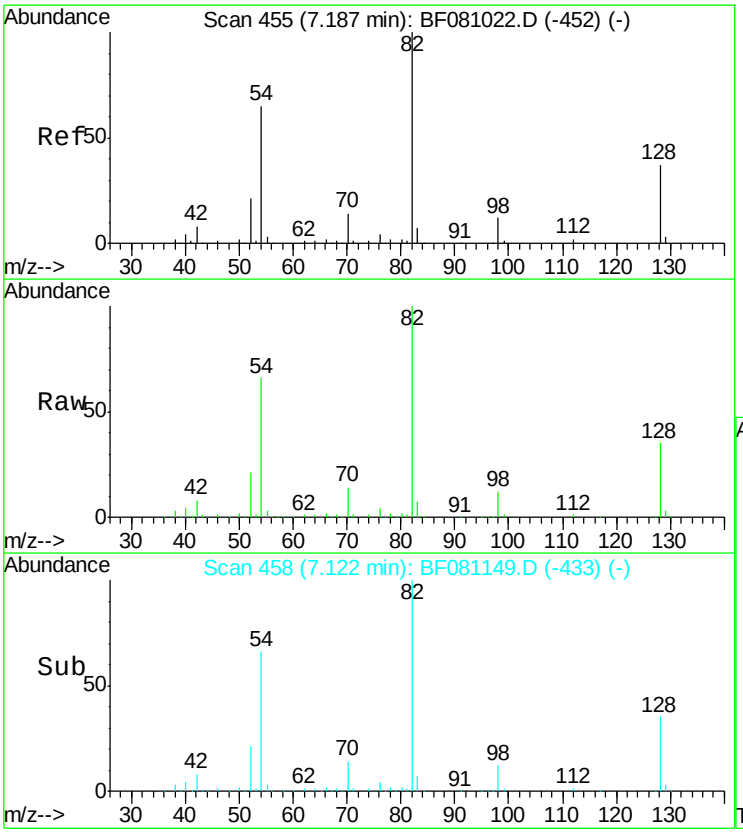
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:136 Resp: 255640

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	11.1	7.7	11.5
68	5.8	3.4	5.2#

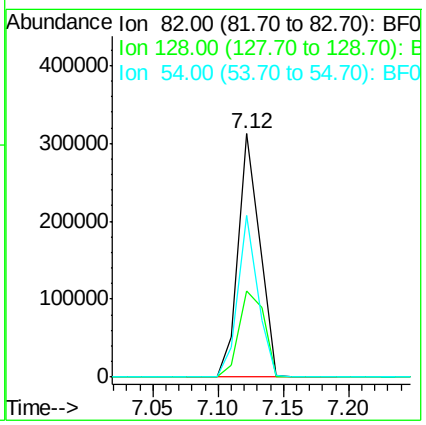


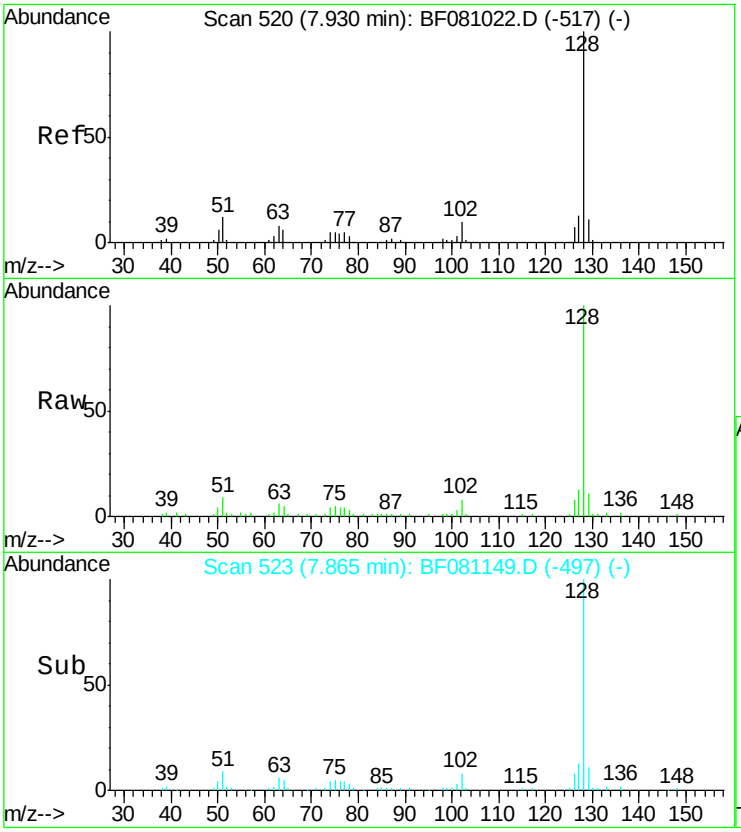


#23
Nitrobenzene-d5
Concen: 64.02 ng
RT: 7.12 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion: 82 Resp: 358265

Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.6	42.8
54	66.4	55.1	82.7



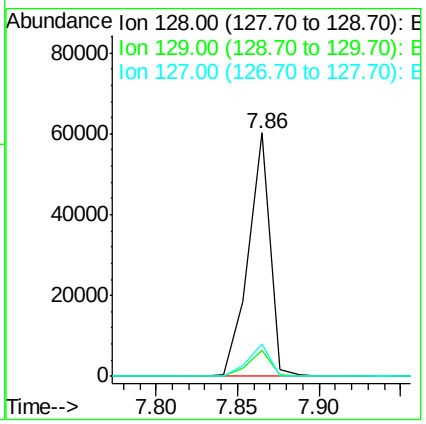


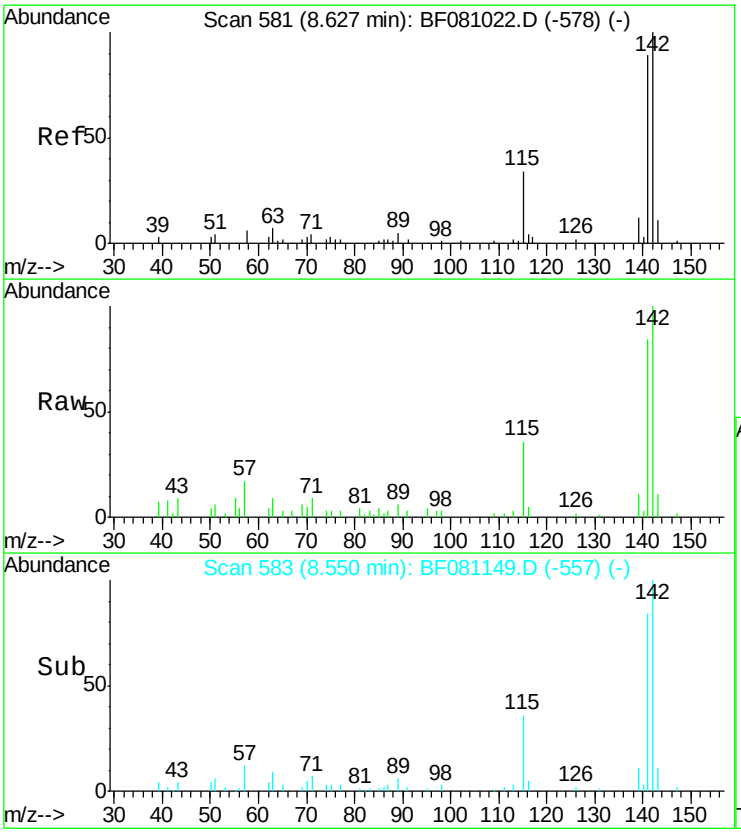
#31
Naphthalene
Concen: 3.91 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:128 Resp: 55662

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.4	12.6
127	13.5	10.6	16.0

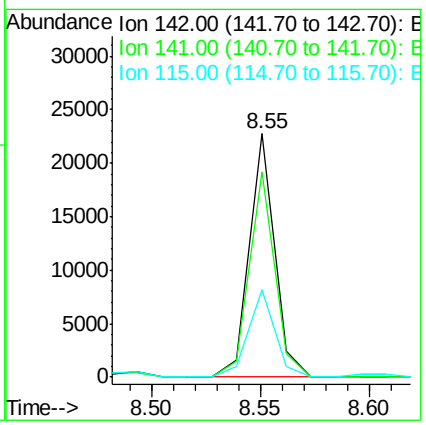


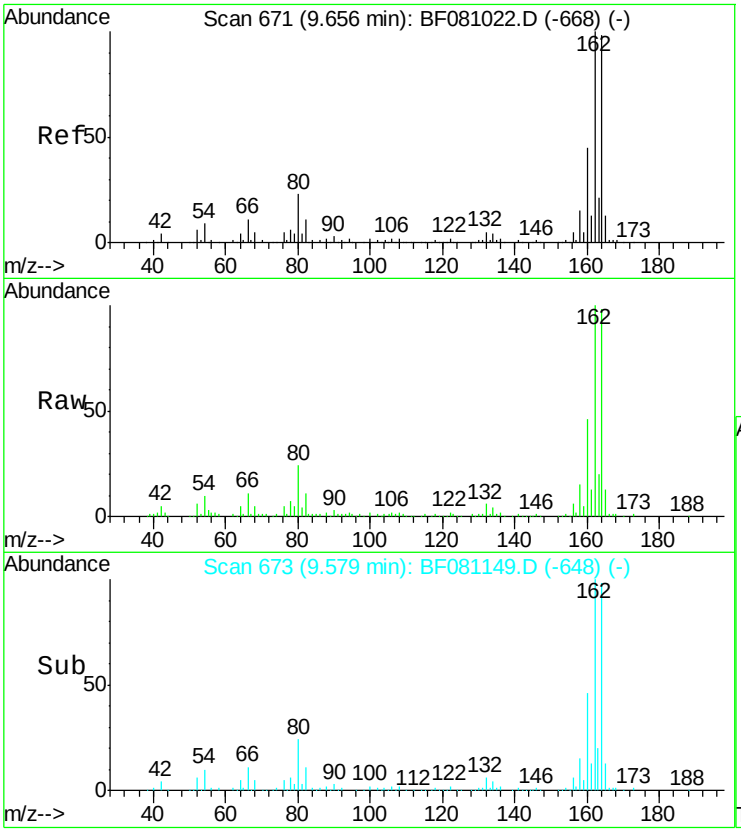


#37
2-Methylnaphthalene
Concen: 2.04 ng
RT: 8.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:142 Resp: 18339

Ion	Ratio	Lower	Upper
142	100		
141	84.0	71.4	107.2
115	36.0	33.4	50.0



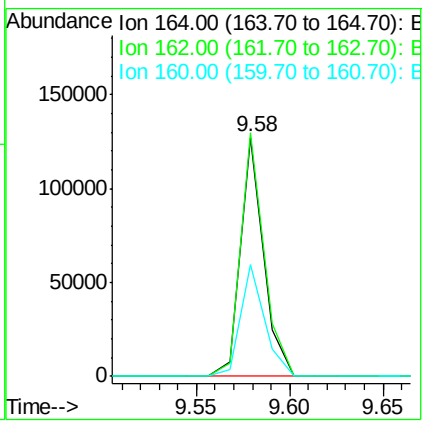


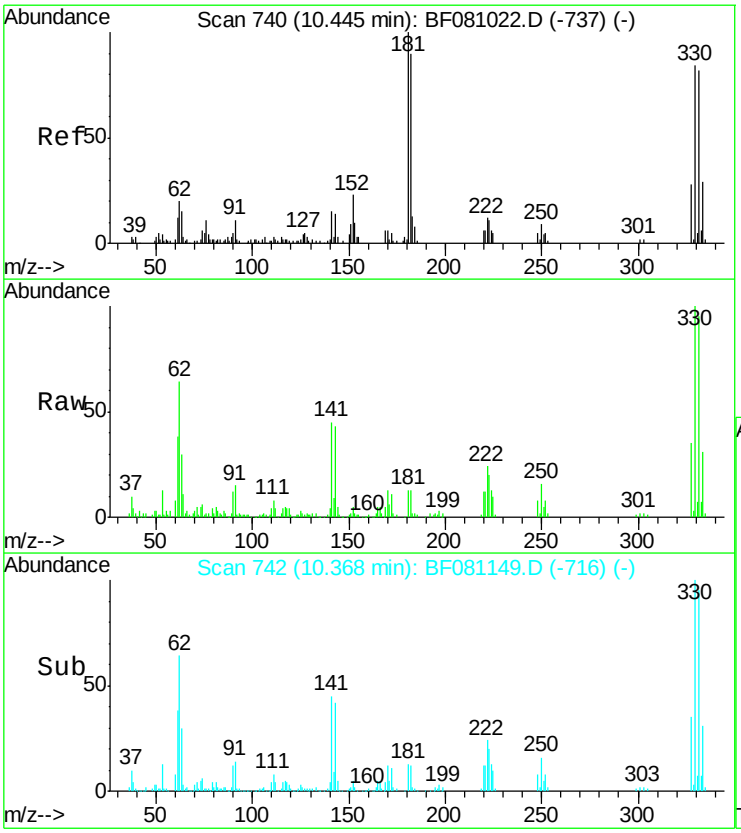
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:164 Resp: 109557

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.8	125.8
160	46.8	39.8	59.8

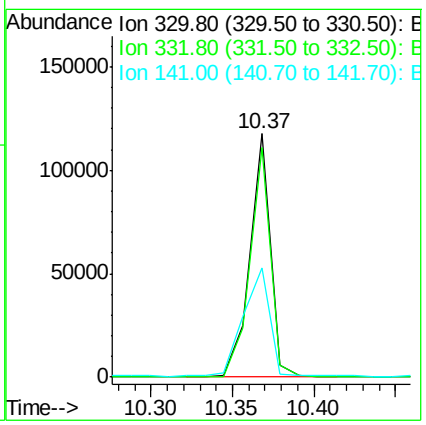


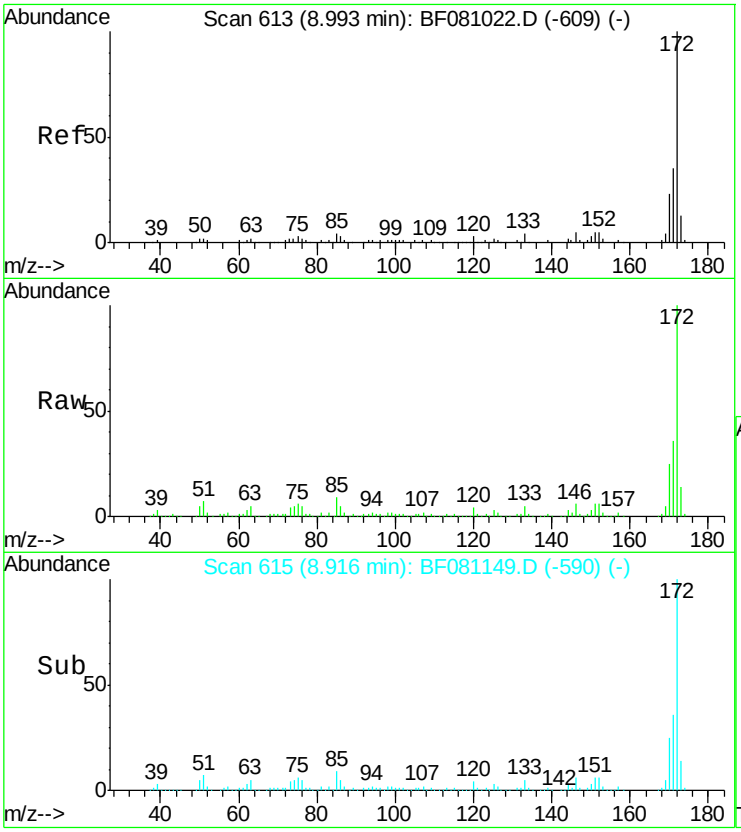


#41
2,4,6-Tribromophenol
Concen: 108.26 ng
RT: 10.37 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:330 Resp: 102816

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	56.7	44.9	67.3



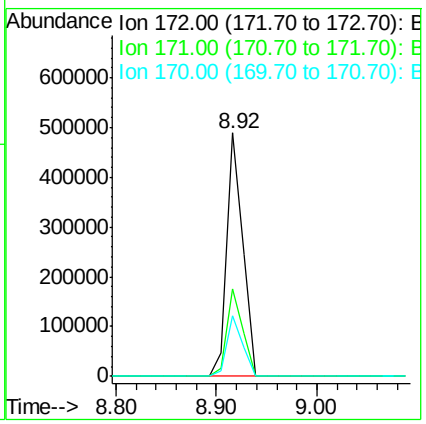


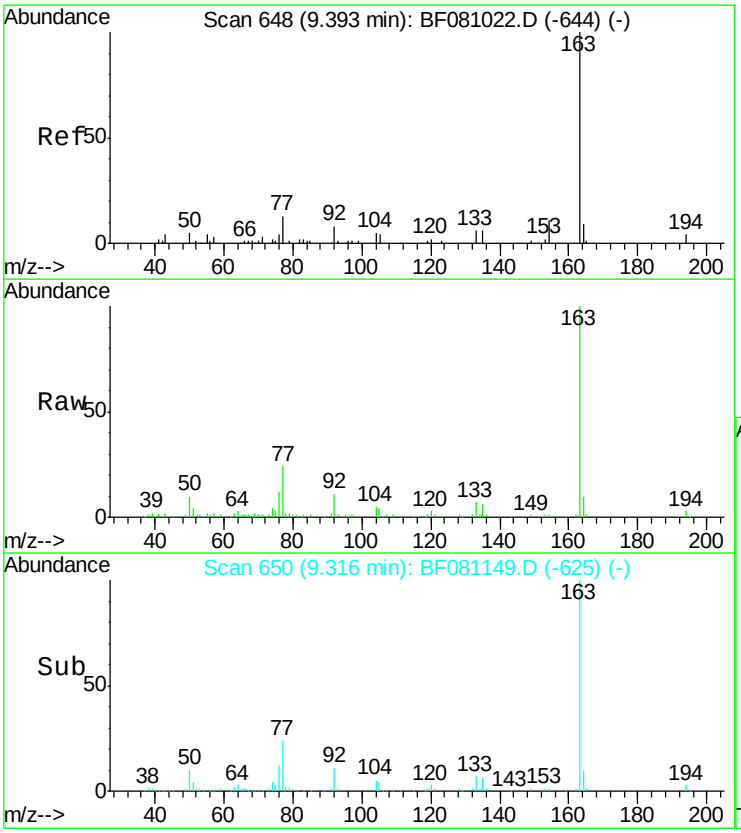
#44
2-Fluorobiphenyl
Concen: 64.54 ng
RT: 8.92 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:172 Resp: 539653

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.7	19.4	29.2

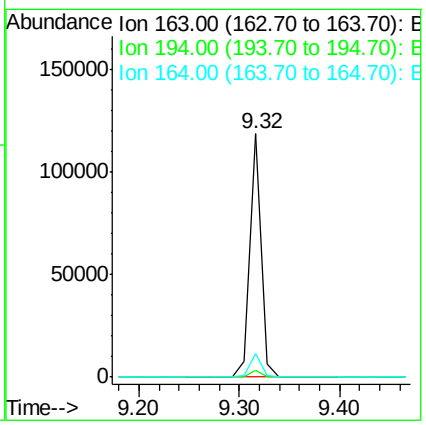


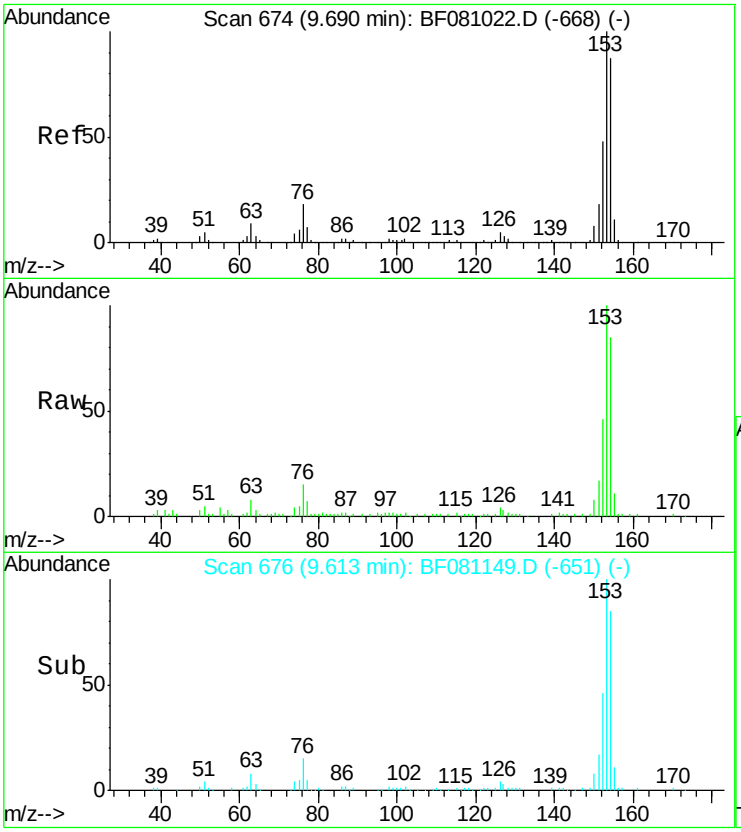


#49
Dimethylphthalate
Concen: 10.25 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:163 Resp: 92462

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.5	3.7
164	9.9	8.1	12.1



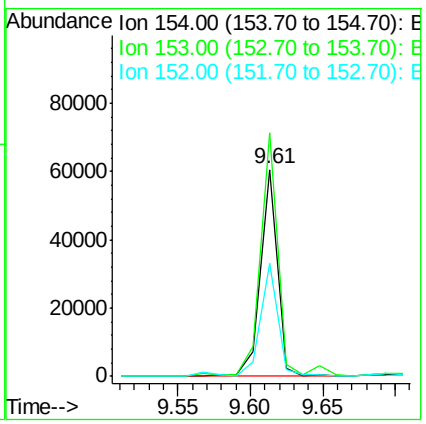


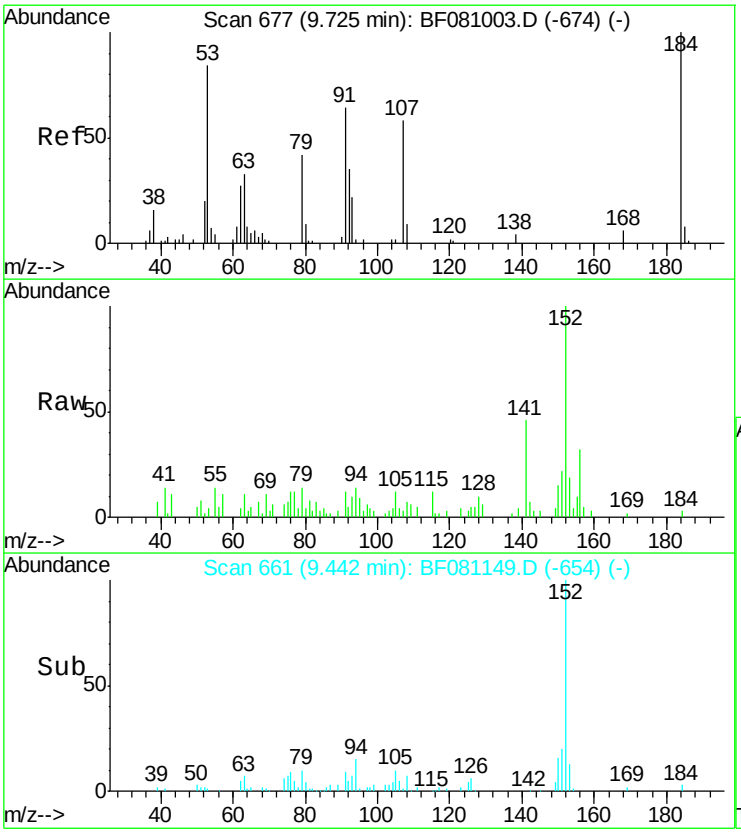
#51
Acenaphthene
Concen: 5.94 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:154 Resp: 49295

Ion	Ratio	Lower	Upper
154	100		
153	117.9	91.4	137.2
152	54.7	43.7	65.5

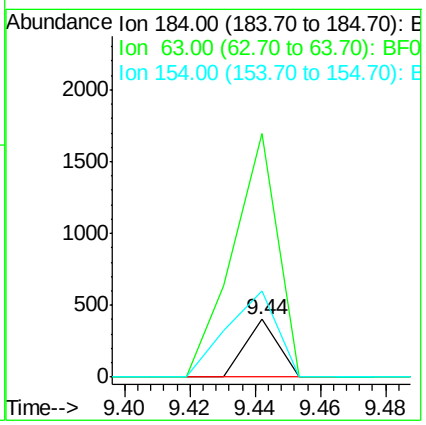


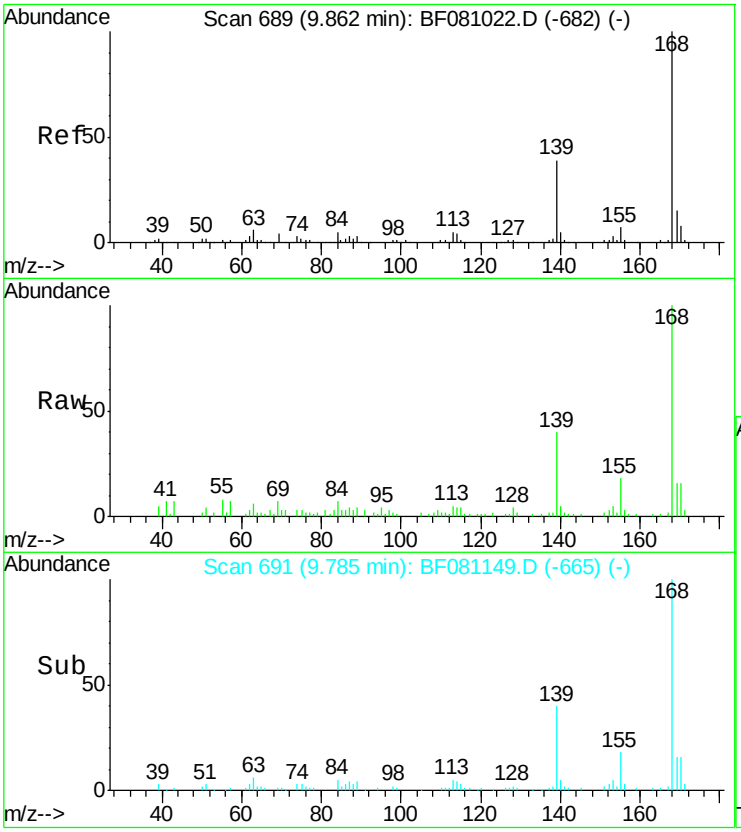


#53
2,4-Dinitrophenol
Concen: 2.95 ng
RT: 9.44 min Scan# 661
Delta R.T. -0.22 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:184 Resp: 274

Ion	Ratio	Lower	Upper
184	100		
63	423.8	101.7	152.5#
154	150.8	67.4	101.0#



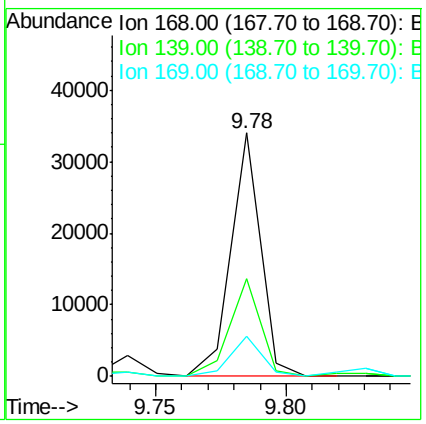


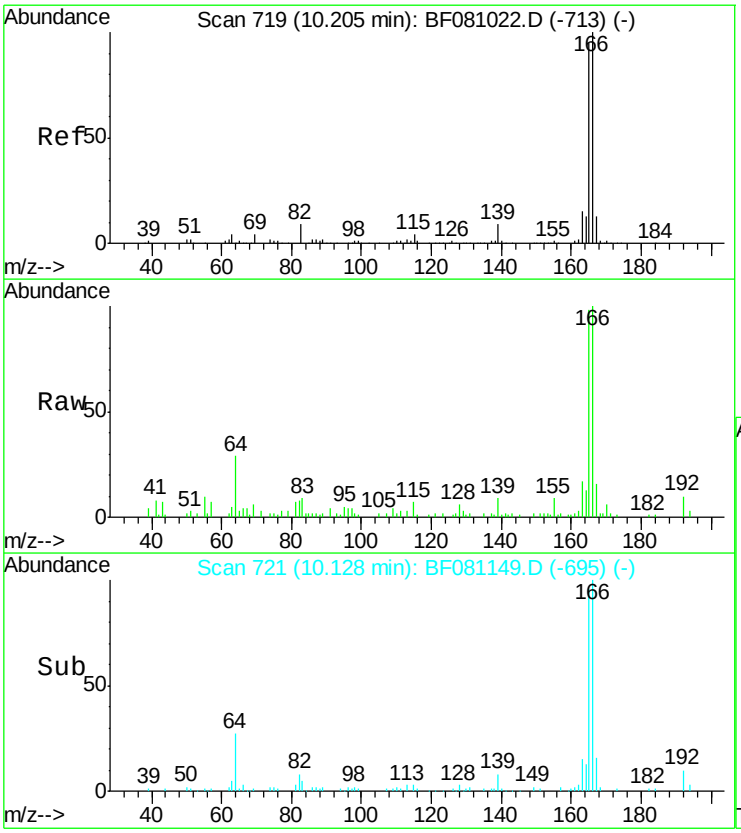
#54
Dibenzofuran
Concen: 2.45 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:168 Resp: 27299

Ion	Ratio	Lower	Upper
168	100		
139	40.4	29.3	43.9
169	16.3	10.3	15.5#

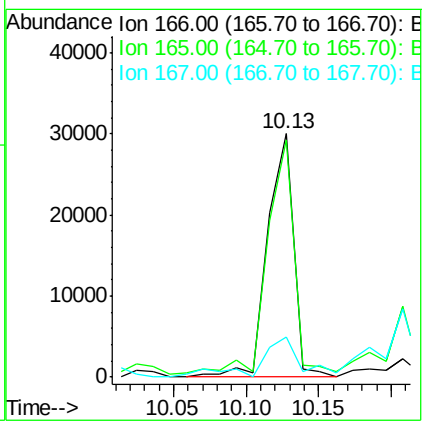


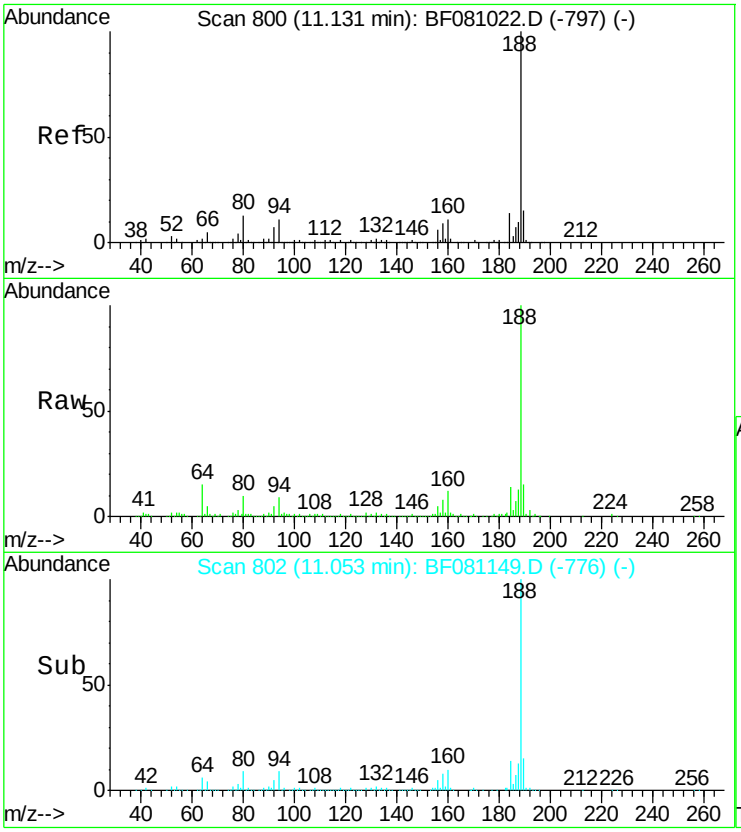


#57
Fluorene
Concen: 4.35 ng
RT: 10.13 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:166 Resp: 37263

Ion	Ratio	Lower	Upper
166	100		
165	97.7	75.8	113.8
167	16.4	11.3	16.9



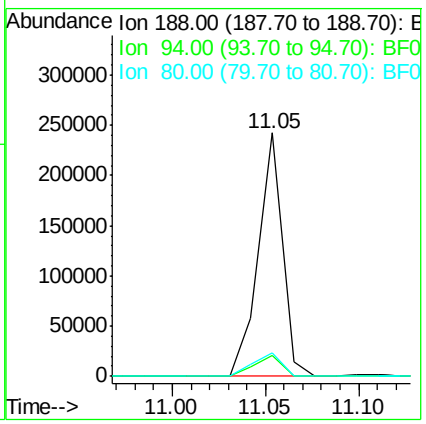


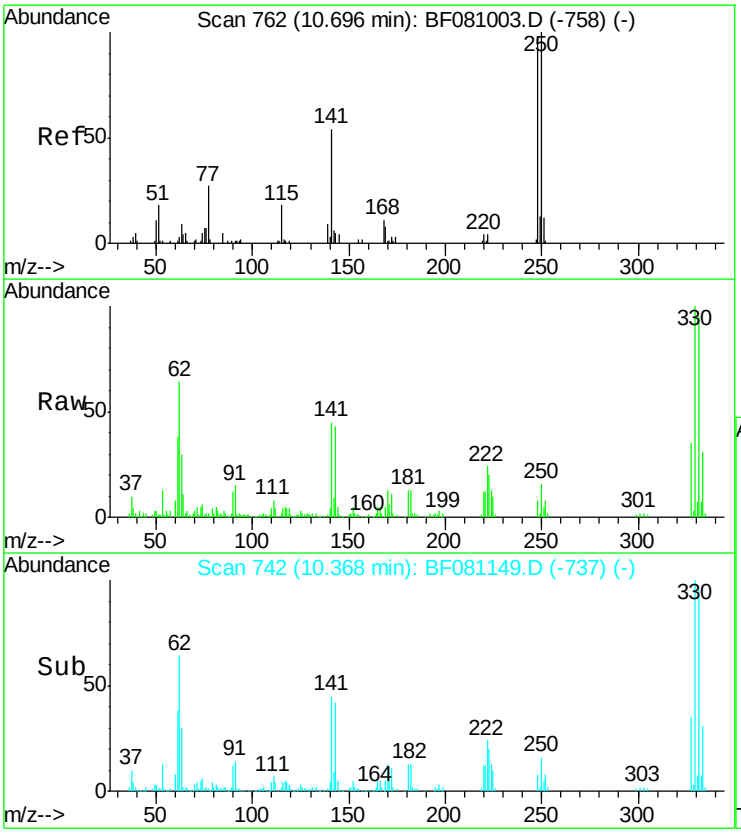
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:188 Resp: 217391

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.6	9.5	14.3

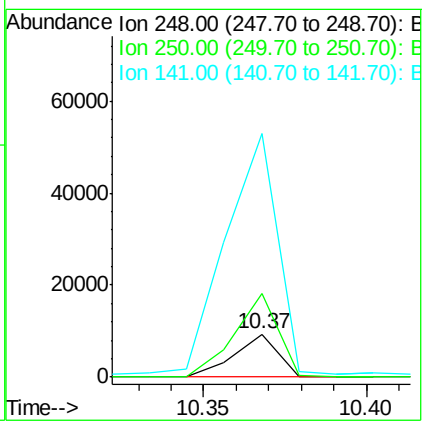


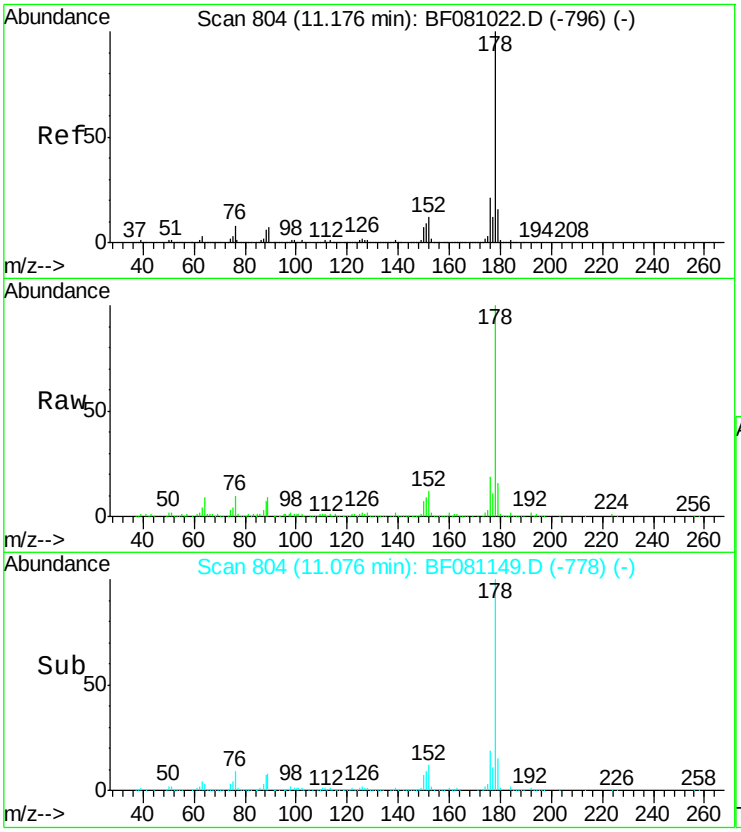


#66
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 10.37 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:248 Resp: 8617

Ion	Ratio	Lower	Upper
248	100		
250	194.7	77.8	116.6#
141	564.6	39.8	59.6#



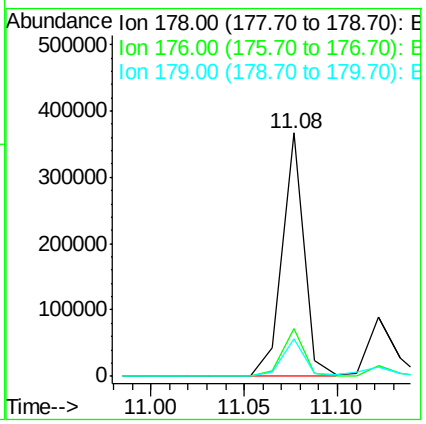


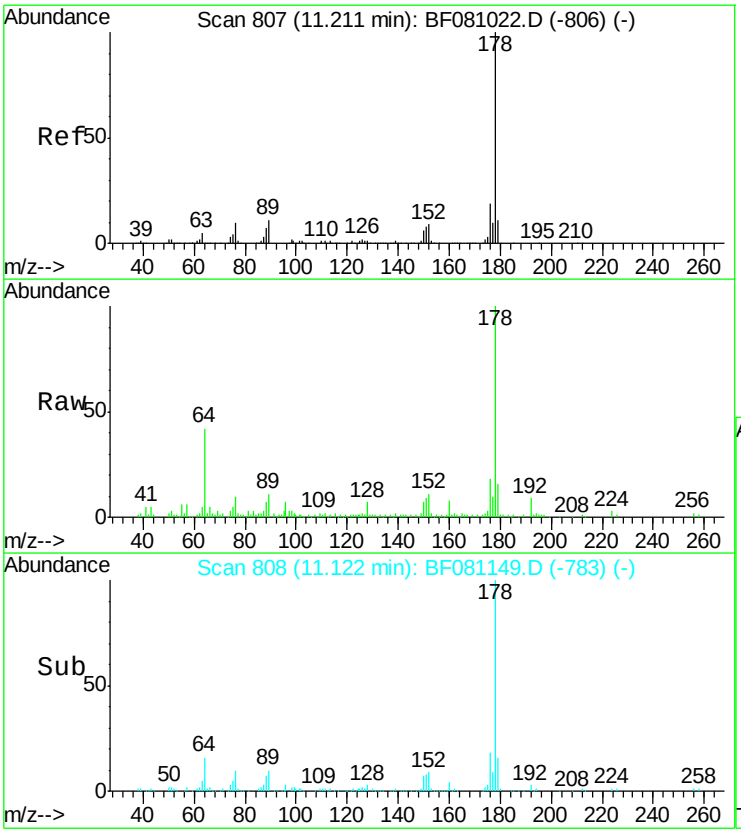
#70
Phenanthrene
Concen: 23.23 ng
RT: 11.08 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:178 Resp: 299246

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.5	12.2	18.2

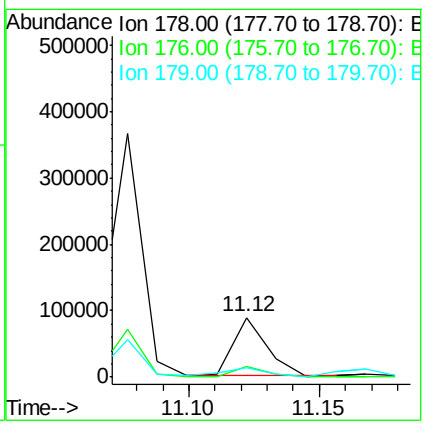


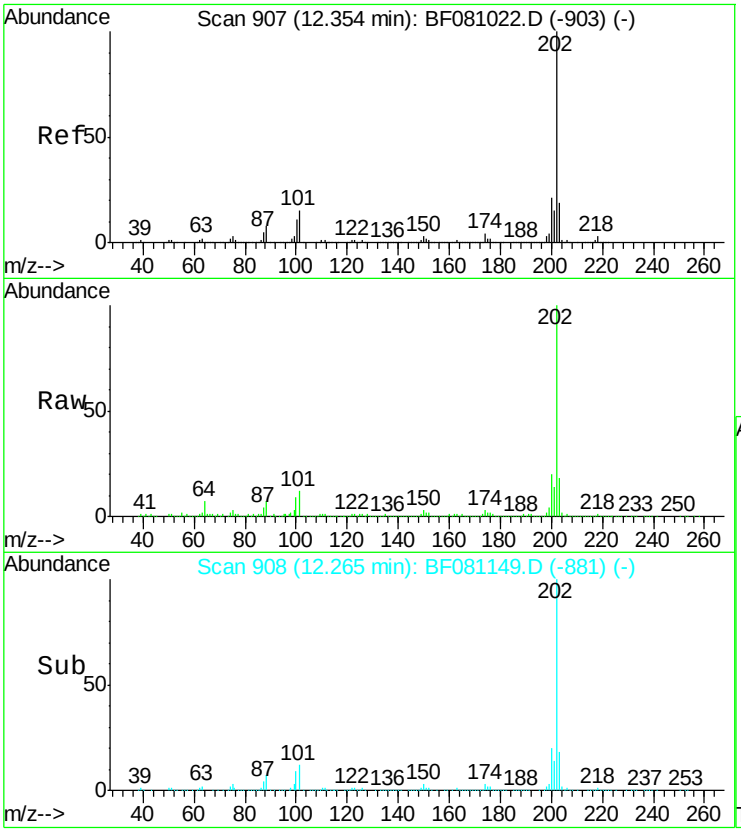


#71
Anthracene
Concen: 6.36 ng
RT: 11.12 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:178 Resp: 79796

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.7	23.5
179	16.5	12.7	19.1



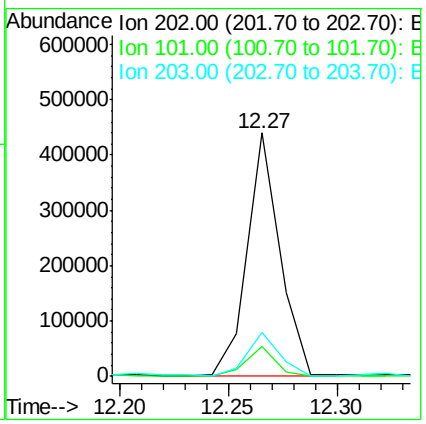


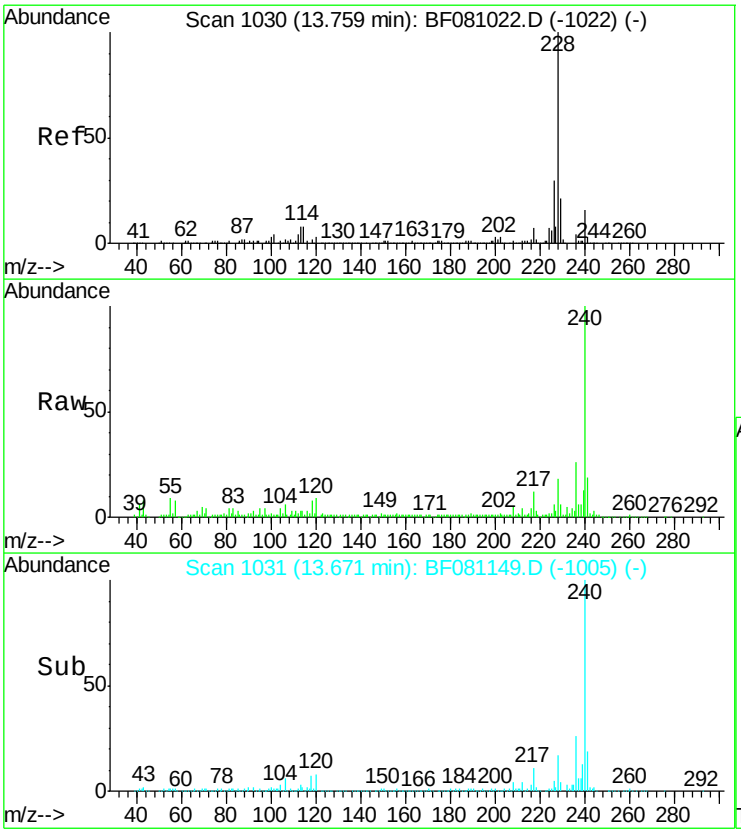
#74
Fluoranthene
Concen: 32.79 ng
RT: 12.27 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:202 Resp: 455803

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	24.8
203	17.9	0.0	36.9

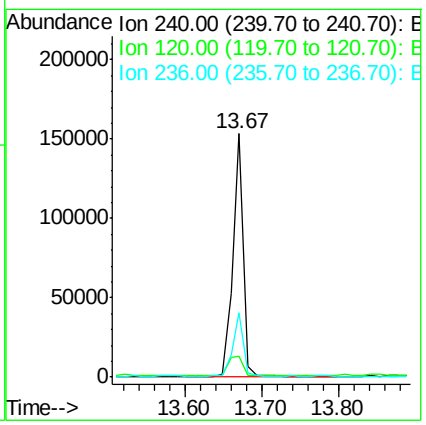


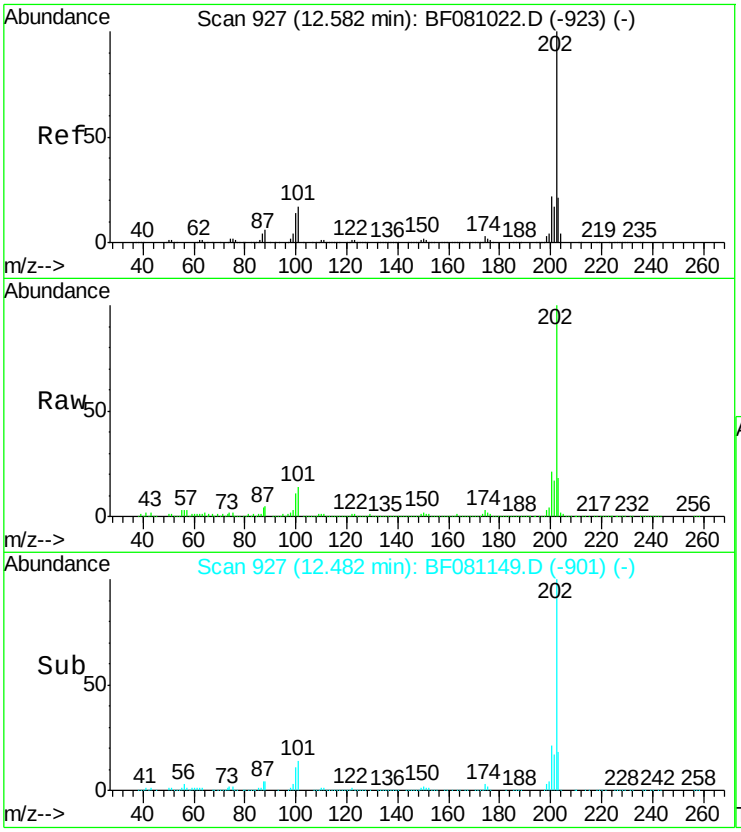


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:240 Resp: 147852

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.6	8.4#
236	26.3	20.6	30.8



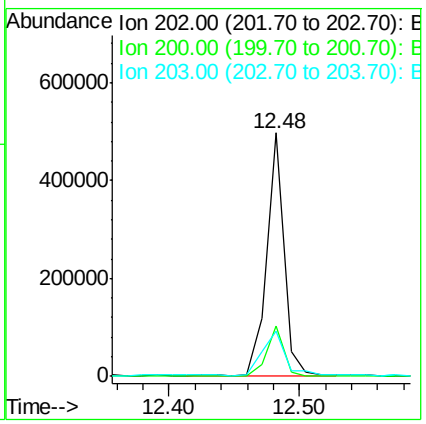


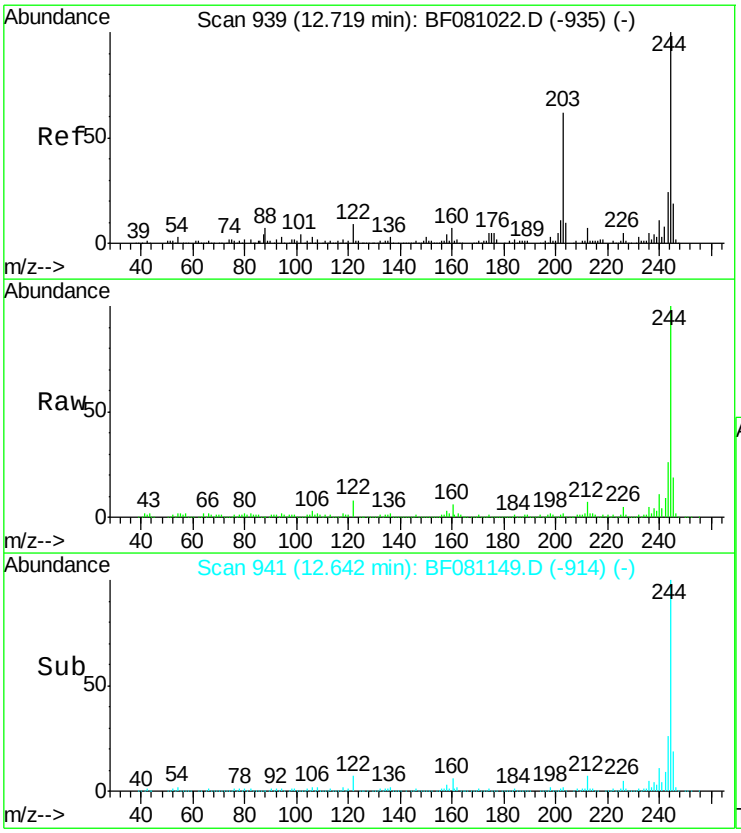
#77
Pyrene
Concen: 38.85 ng
RT: 12.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:202 Resp: 466913

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	18.5	14.1	21.1

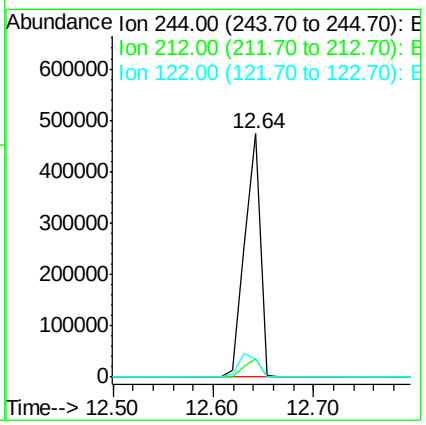


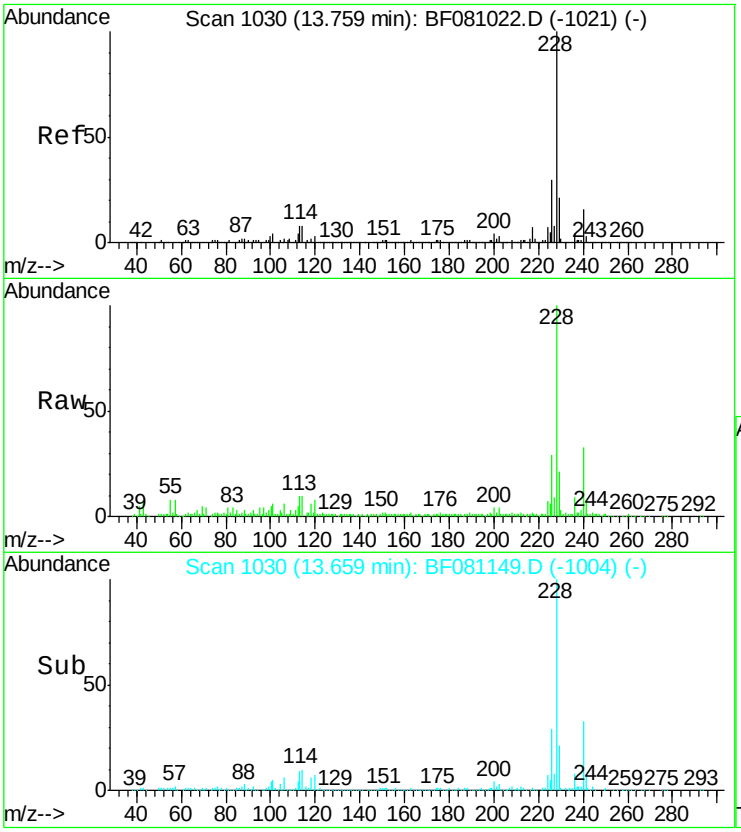


#78
Terphenyl-d14
Concen: 74.58 ng
RT: 12.64 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:244 Resp: 514323

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	7.6	8.2	12.4#



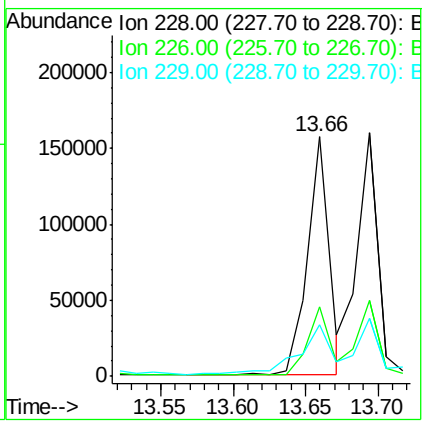


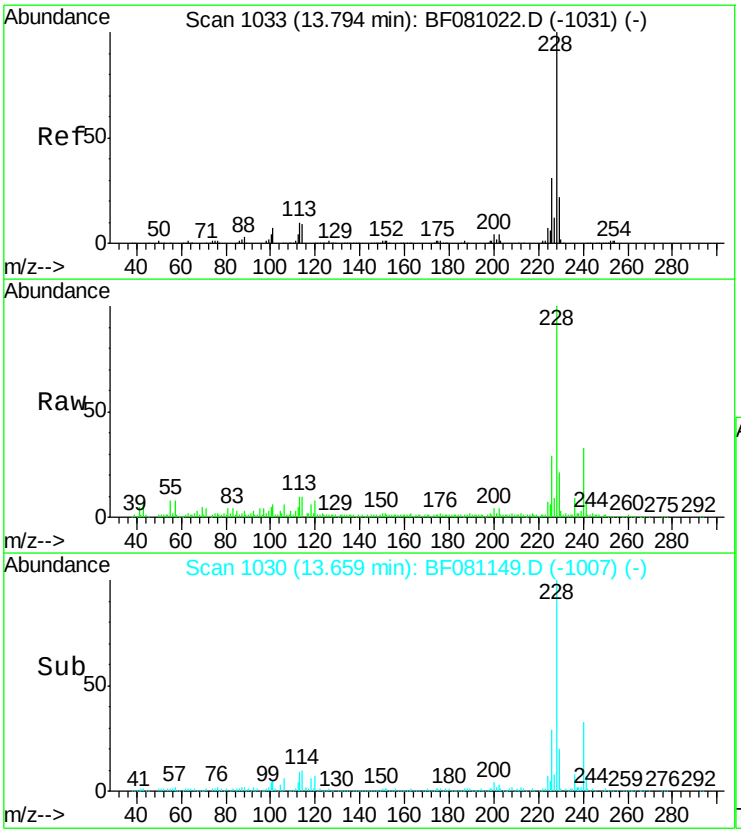
#80
Benzo(a)anthracene
Concen: 16.53 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:228 Resp: 163869

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.3	33.5
229	21.4	15.9	23.9

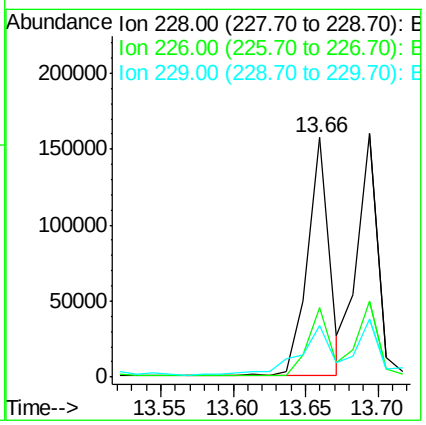


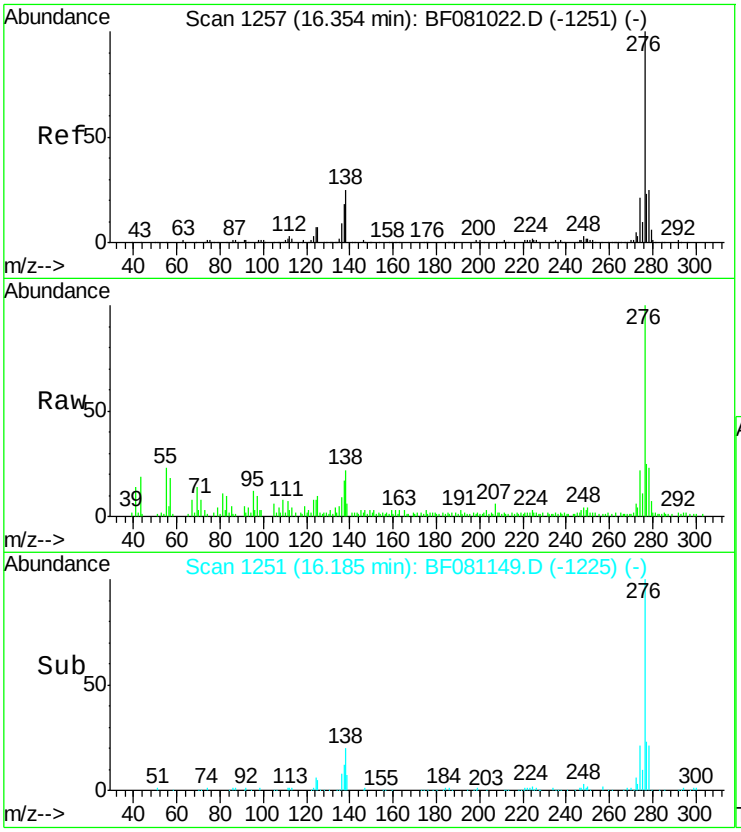


#82
Chrysene
Concen: 18.34 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:228 Resp: 163869

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.4	36.6
229	21.4	16.0	24.0



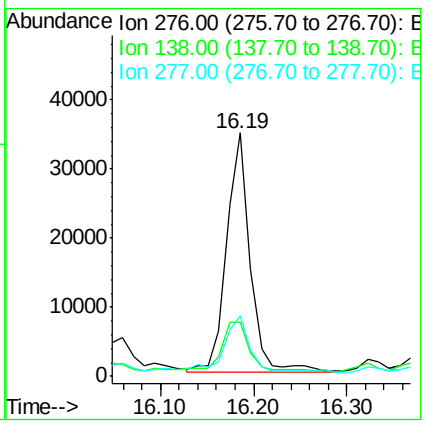


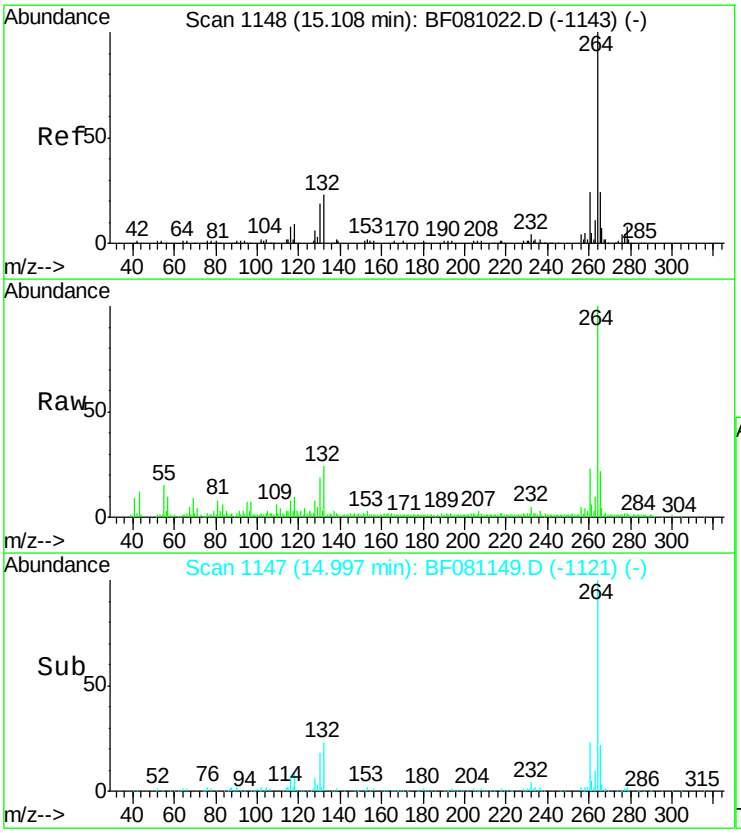
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.81 ng
RT: 16.19 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:276 Resp: 61525

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.6	28.0
277	24.7	19.8	29.8

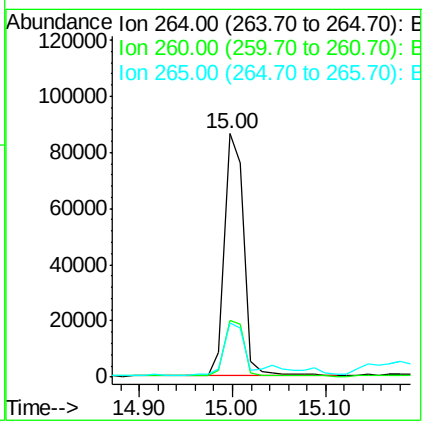


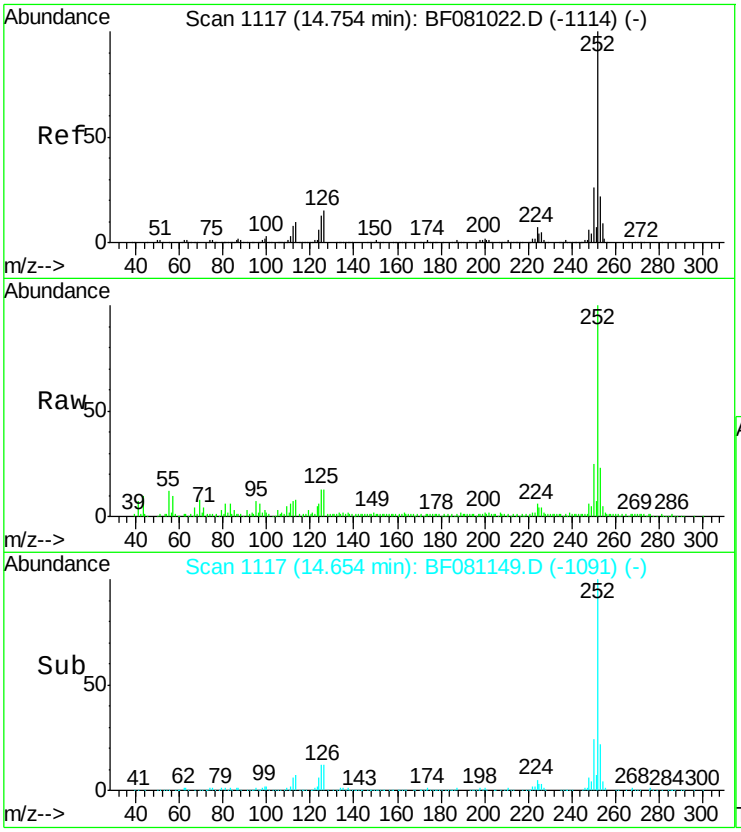


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:264 Resp: 124506

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	22.2	17.5	26.3



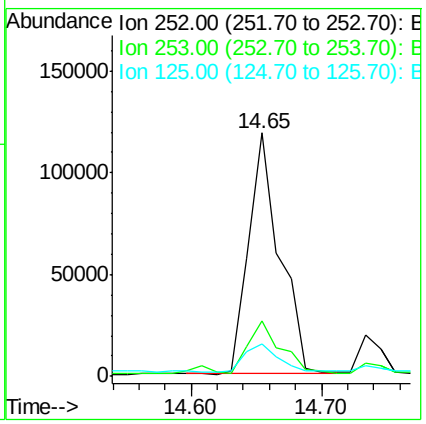


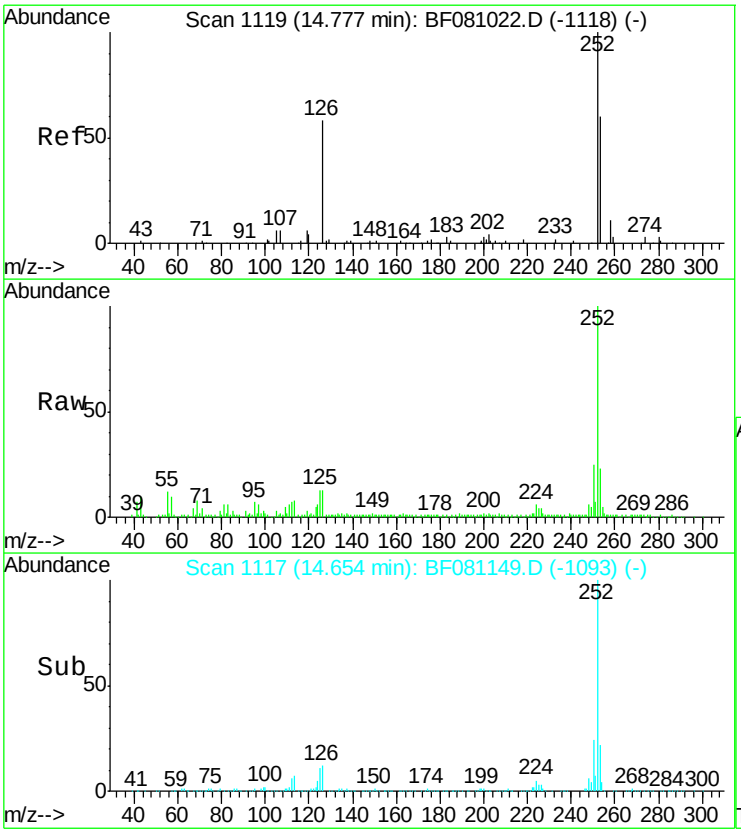
#87
Benzo(b)fluoranthene
Concen: 22.25 ng
RT: 14.65 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:252 Resp: 195971

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	13.5	8.0	12.0#

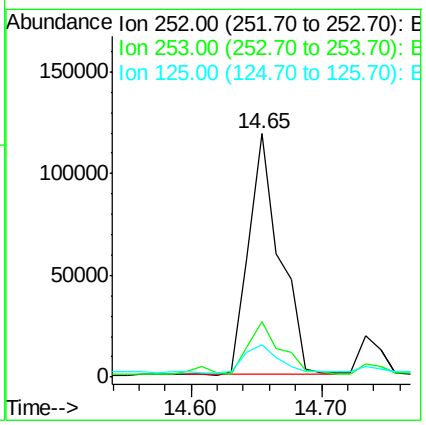


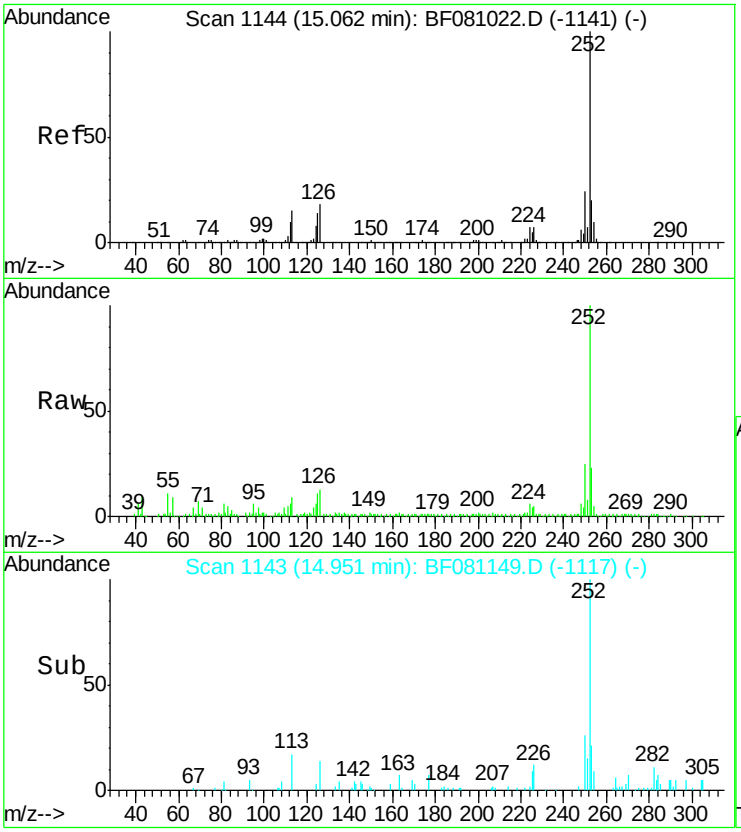


#88
Benzo(k)fluoranthene
Concen: 23.88 ng
RT: 14.65 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:252 Resp: 195971

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	13.5	10.3	15.5



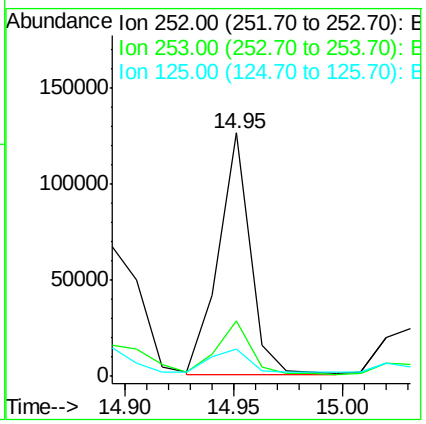


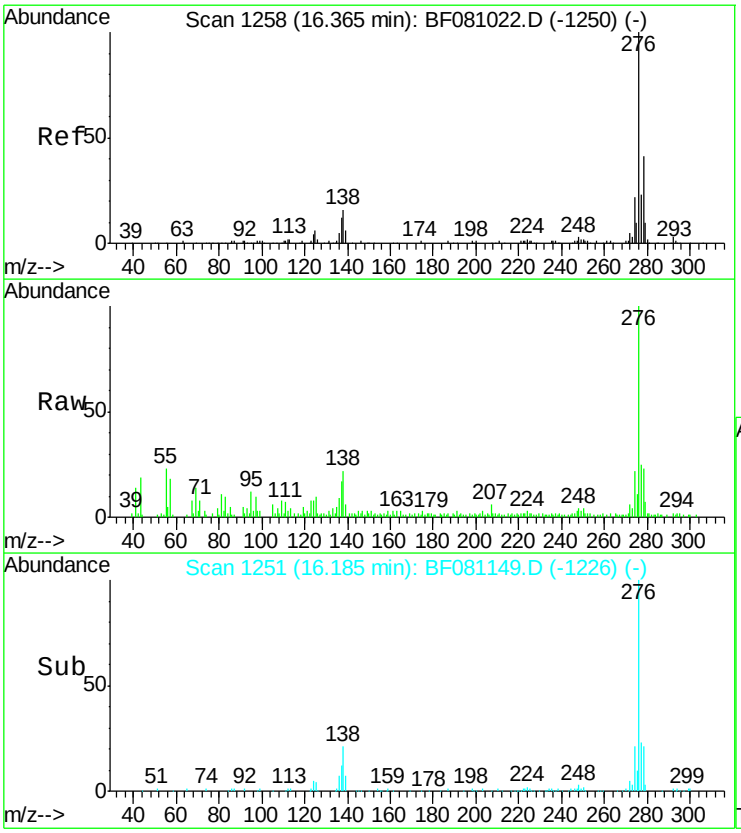
#89
Benzo(a)pyrene
Concen: 16.61 ng
RT: 14.95 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:252 Resp: 127454

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.6	25.0
125	11.0	7.8	11.8

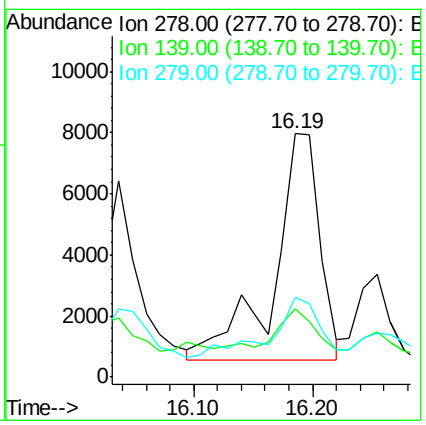


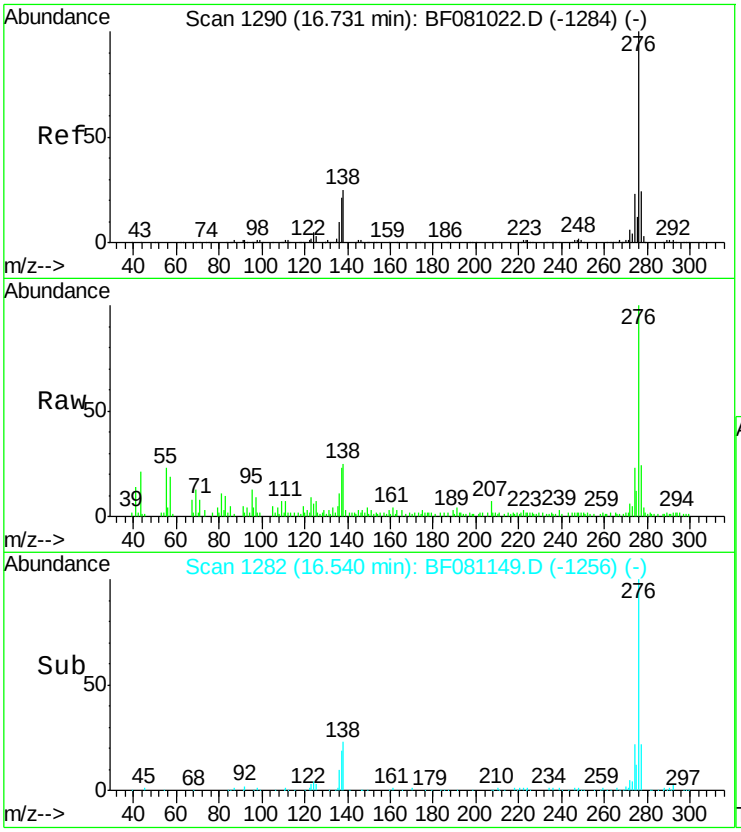


#90
Dibenzo(a,h)anthracene
Concen: 3.31 ng
RT: 16.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Tgt Ion:278 Resp: 19768

Ion	Ratio	Lower	Upper
278	100		
139	28.3	10.8	16.2#
279	32.7	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 9.72 ng
RT: 16.54 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF081149.D
Acq: 21 Aug 2015 17:08

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:276 Resp: 58961

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.2	27.2
138	24.8	13.7	20.5#