Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081915\
Data File : BF081117.D
Acq On : 20 Aug 2015 9:49
Operator : UM/IZ
Sample : G3325-03 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Time: Aug 20 11:38:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	78428	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	308901	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	128715	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	264974	20.00	ng		0.00
75) Chrysene-d12	13.71	240	177565	20.00	ng		0.00
86) Perylene-d12	15.04	264	148075	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	93517	17.93	ng		0.00
7) Phenol-d6	6.22	99	130973	19.25	ng		-0.01
23) Nitrobenzene-d5	7.14	82	74648	11.04	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	17945	16.08	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	148148	15.08	ng		-0.01
78) Terphenyl-d14	12.66	244	108577	13.11	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.14	70	9799	2.08	ng	#	76
49) Dimethylphthalate	9.35	163	21266	2.01	ng		99
50) 2,6-Dinitrotoluene	9.61	165	16824	7.39	ng	#	23
56) 2,4-Dinitrotoluene	9.61	165	16824	5.58	ng	#	18
70) Phenanthrene	11.11	178	67512	4.30	ng		99
74) Fluoranthene	12.29	202	171784	10.14	ng		95
77) Pyrene	12.52	202	159307	11.04	ng		98
80) Benzo(a)anthracene	13.69	228	95799	8.04	ng		99
82) Chrysene	13.73	228	64812	6.04	ng		97
83) Bis(2-ethylhexyl)phthalate	13.72	149	171284	21.55	ng	#	99
87) Benzo(b)fluoranthene	14.69	252	132419	12.64	ng	#	94
88) Benzo(k)fluoranthene	14.69	252	131662	13.49	ng		98
89) Benzo(a)pyrene	15.00	252	64693	7.09	ng		94
91) Benzo(g,h,i)perylene	16.61	276	42799	5.93	ng	#	92

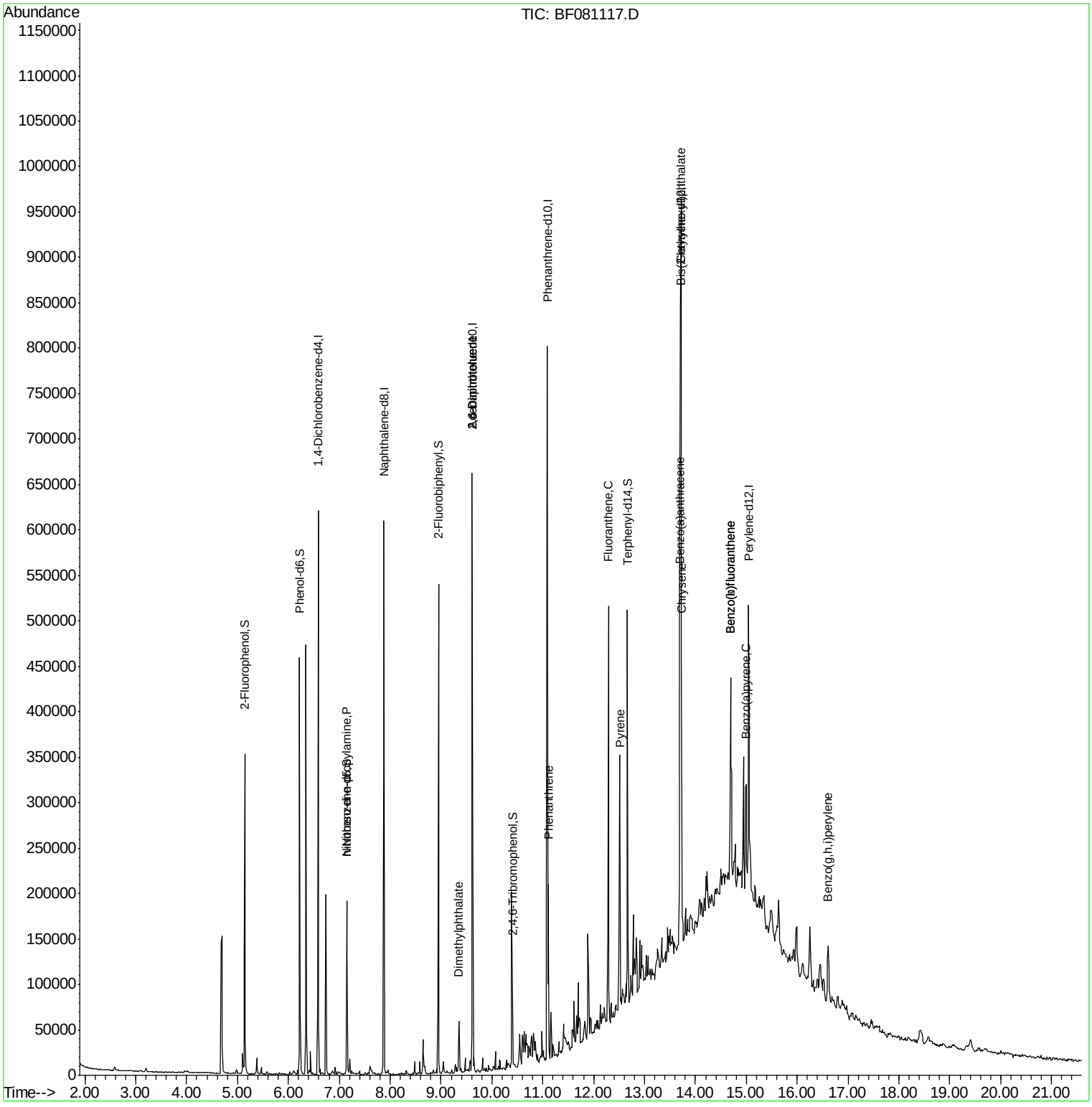
(#) = qualifier out of range (m) = manual integration (+) = signals summed

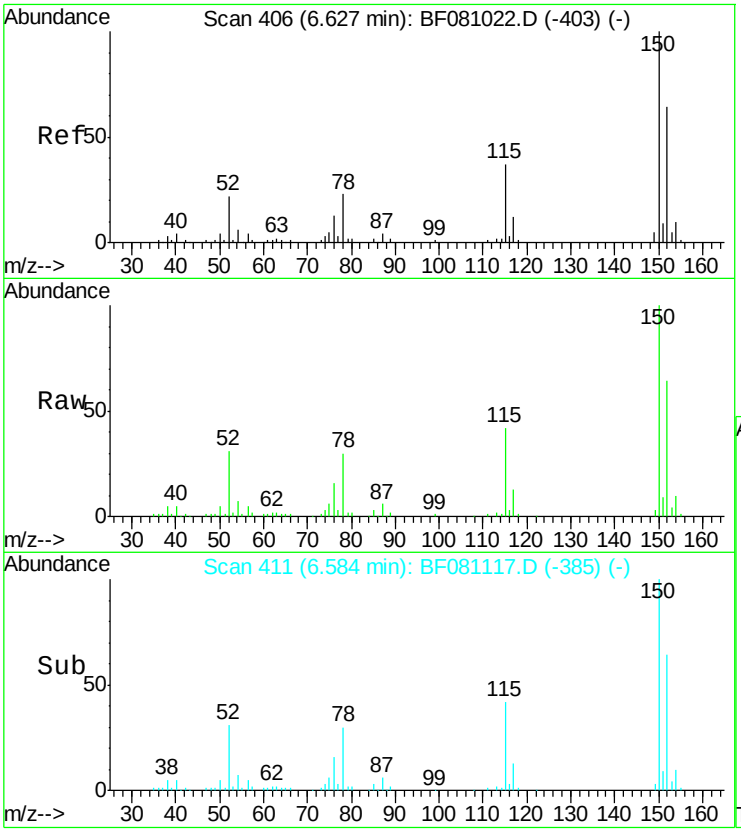
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081915\
Data File : BF081117.D
Acq On : 20 Aug 2015 9:49
Operator : UM/IZ
Sample : G3325-03 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

Quant Time: Aug 20 11:38:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration



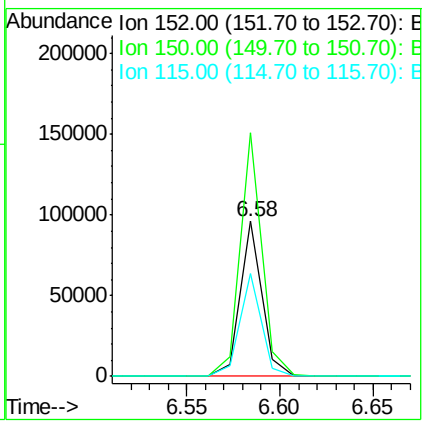


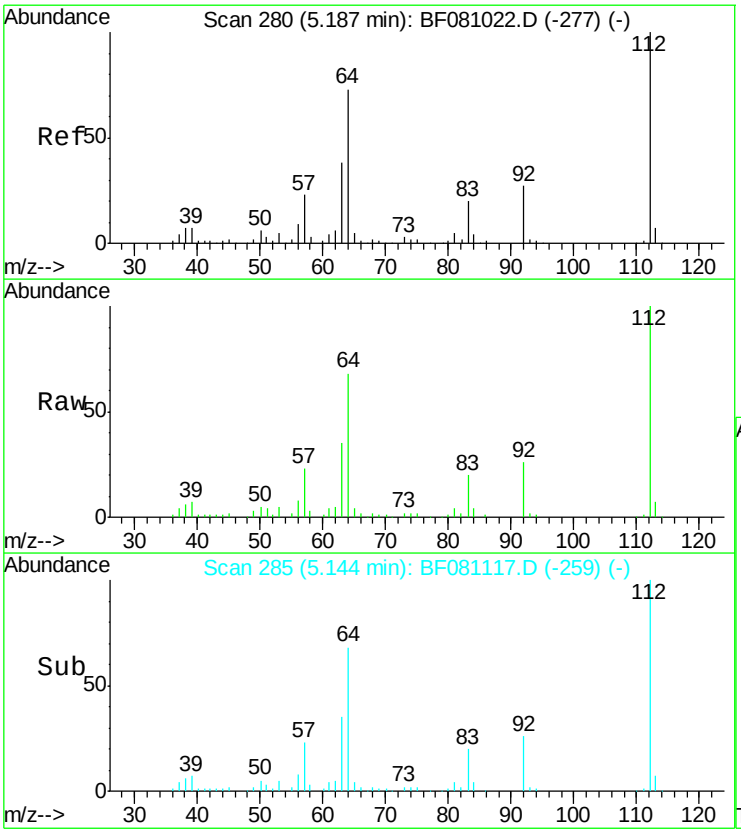
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:152 Resp: 78428

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.8	185.6
115	66.7	52.1	78.1

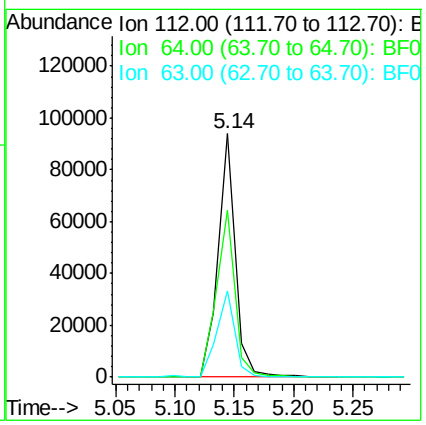


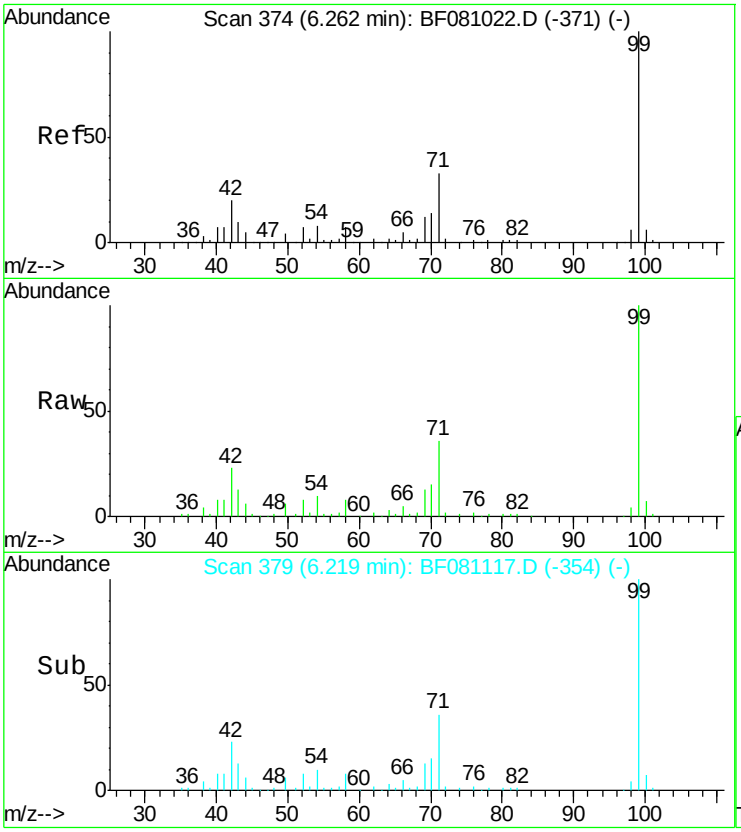


#5
2-Fluorophenol
Concen: 17.93 ng
RT: 5.14 min Scan# 285
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:112 Resp: 93517

Ion	Ratio	Lower	Upper
112	100		
64	68.4	66.9	100.3
63	35.4	38.1	57.1#



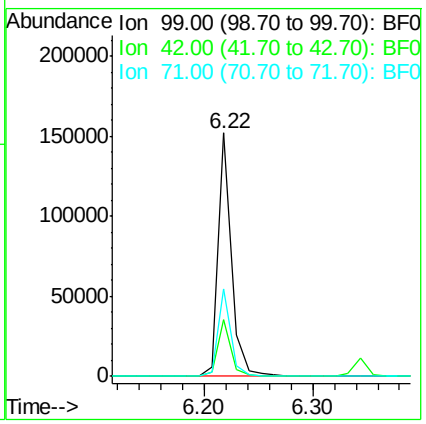


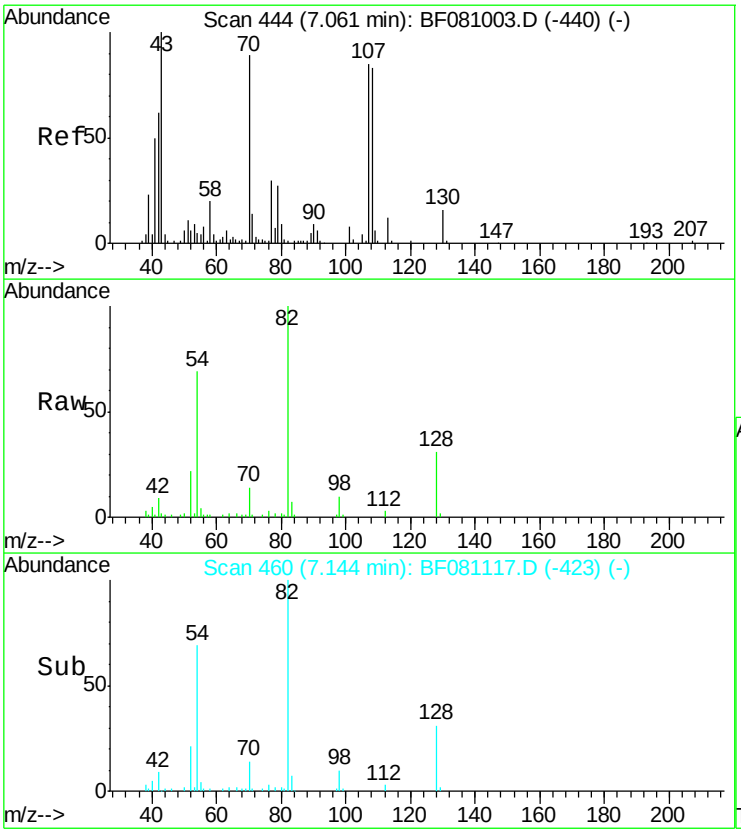
#7
Phenol-d6
Concen: 19.25 ng
RT: 6.22 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion: 99 Resp: 130973

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.6	29.4
71	36.1	31.2	46.8

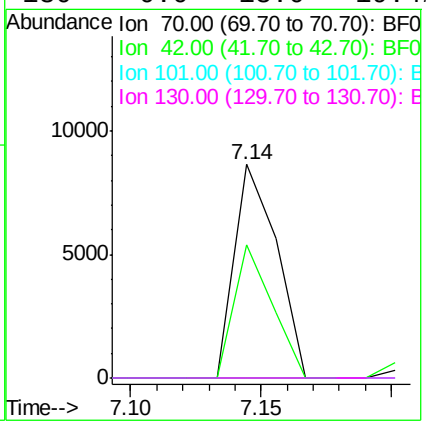


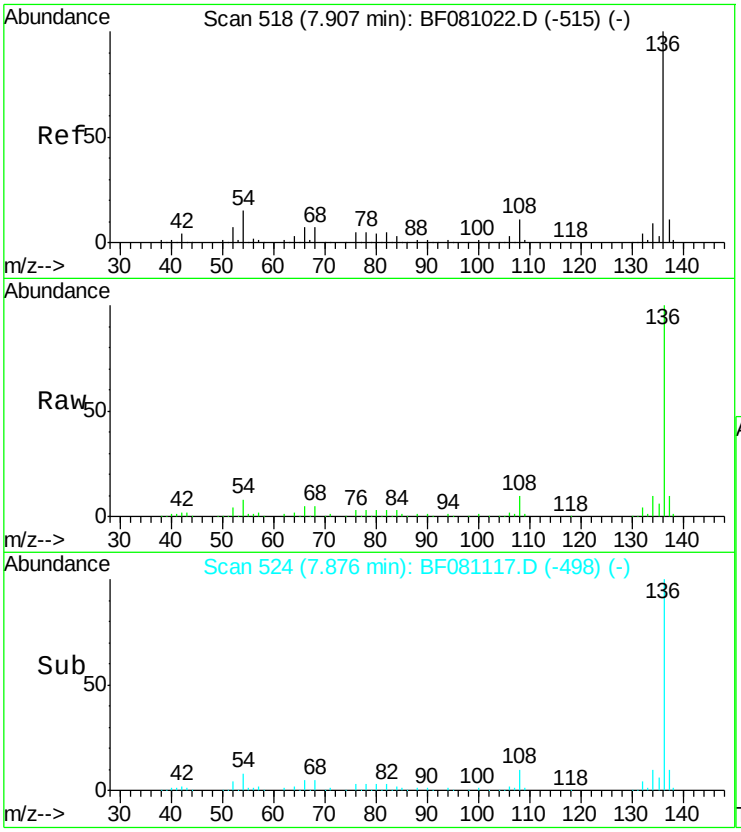


#19
n-Nitroso-di-n-propylamine
Concen: 2.08 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.13 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion: 70 Resp: 9799

Ion	Ratio	Lower	Upper
70	100		
42	62.5	65.0	97.4#
101	0.0	7.4	11.2#
130	0.0	13.0	19.4#



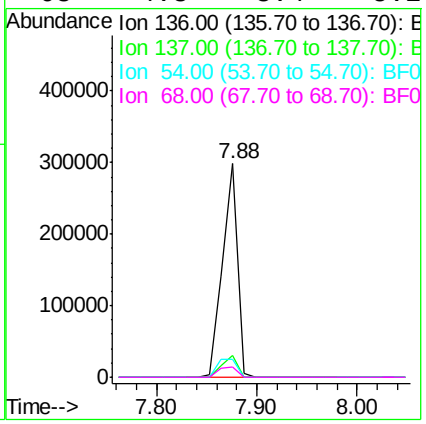


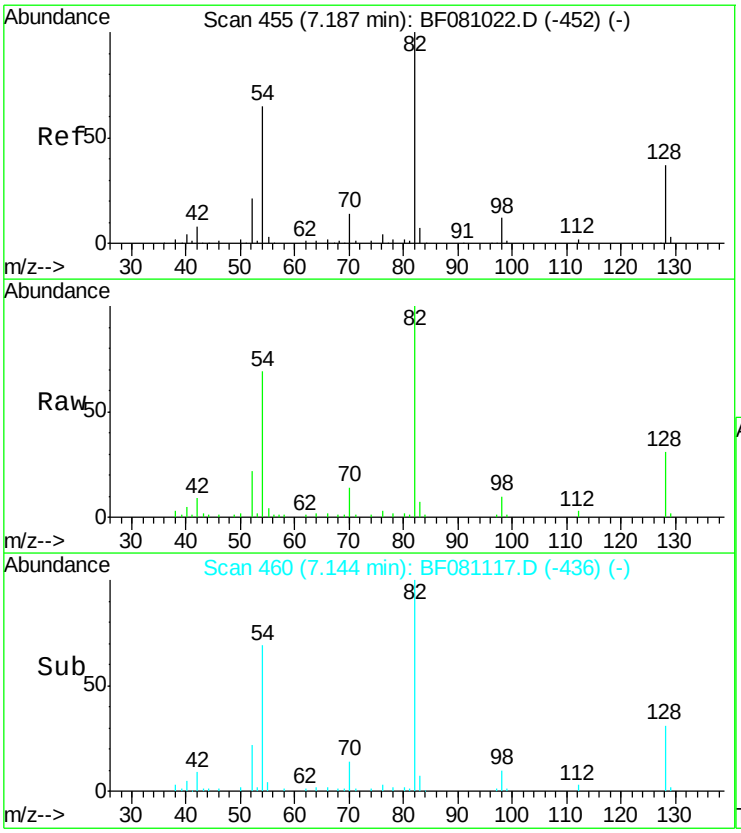
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:136 Resp: 308901

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	8.4	7.7	11.5
68	4.8	3.4	5.2

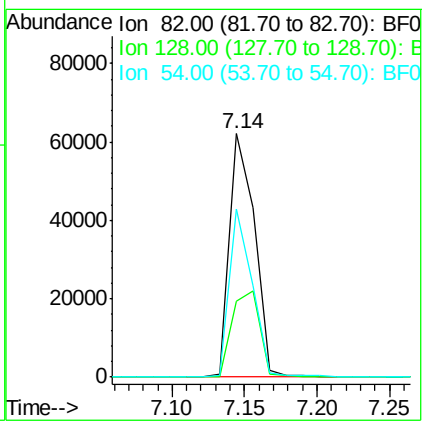


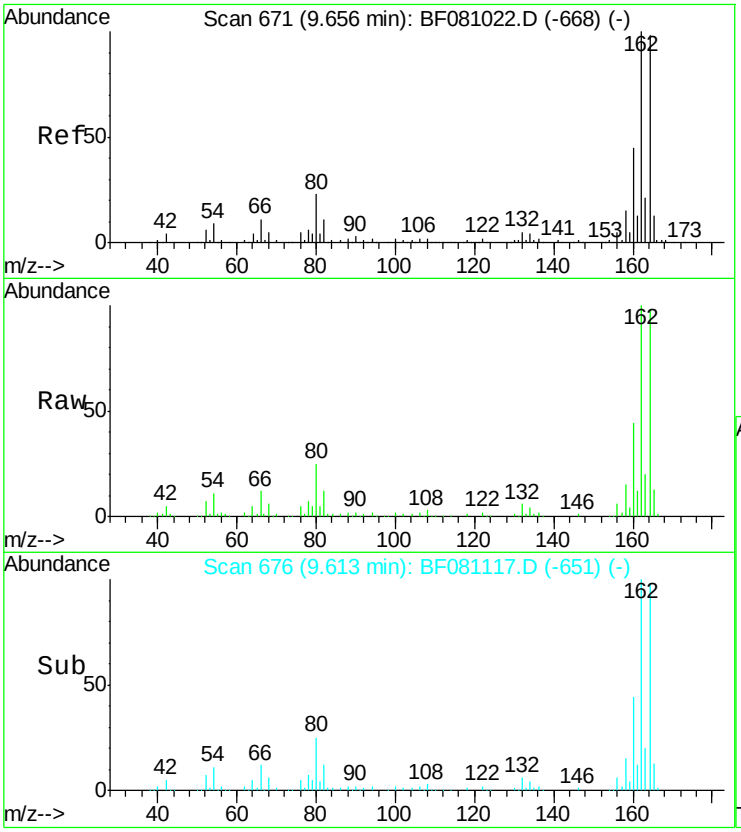


#23
Nitrobenzene-d5
Concen: 11.04 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion: 82 Resp: 74648

Ion	Ratio	Lower	Upper
82	100		
128	31.0	28.6	42.8
54	69.2	55.1	82.7



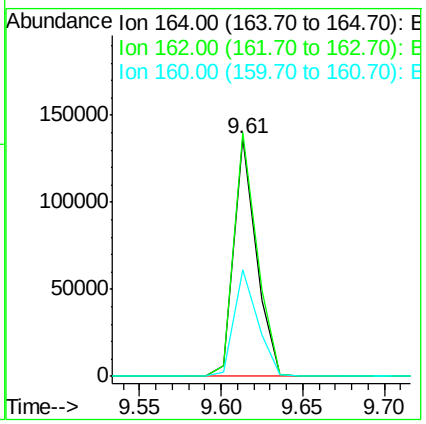


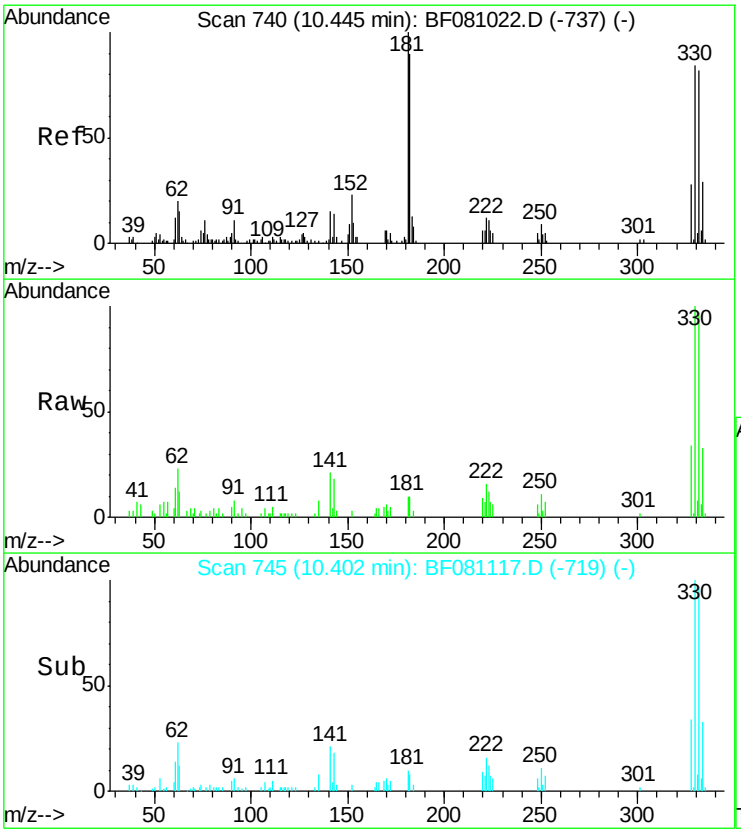
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:164 Resp: 128715

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.8	125.8
160	44.9	39.8	59.8

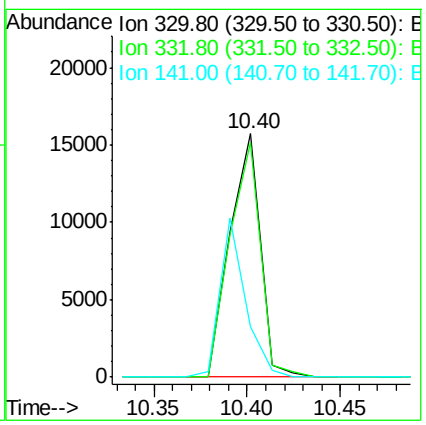


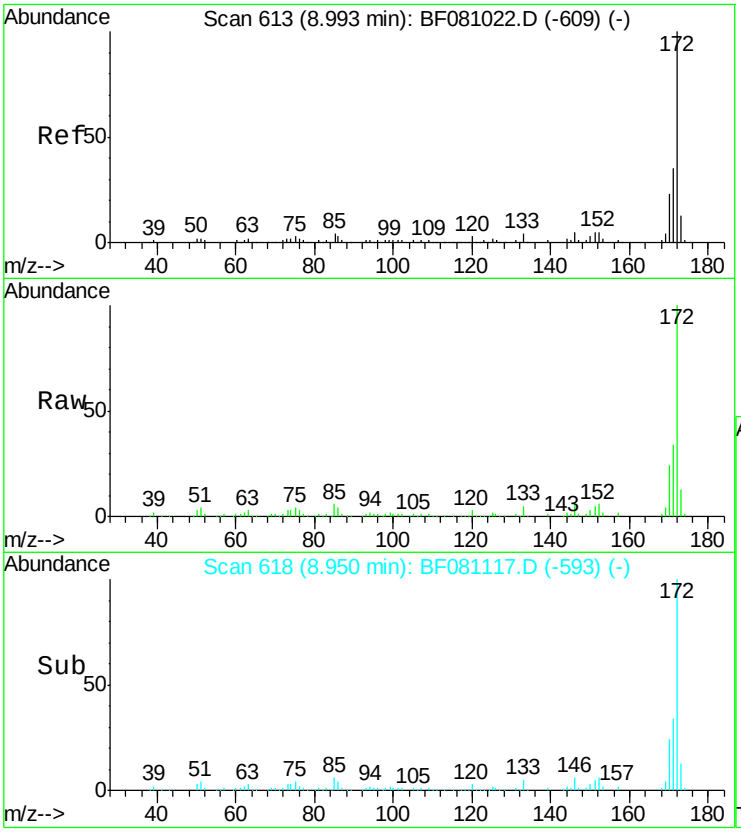


#41
2,4,6-Tribromophenol
Concen: 16.08 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:330 Resp: 17945

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	54.9	44.9	67.3



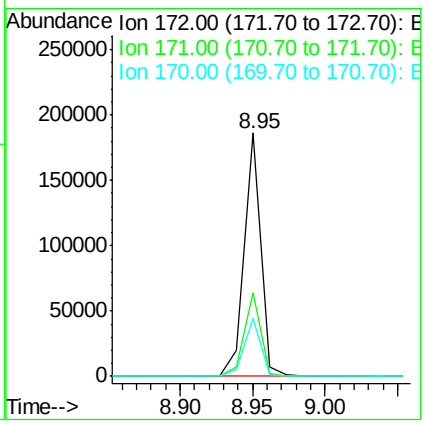


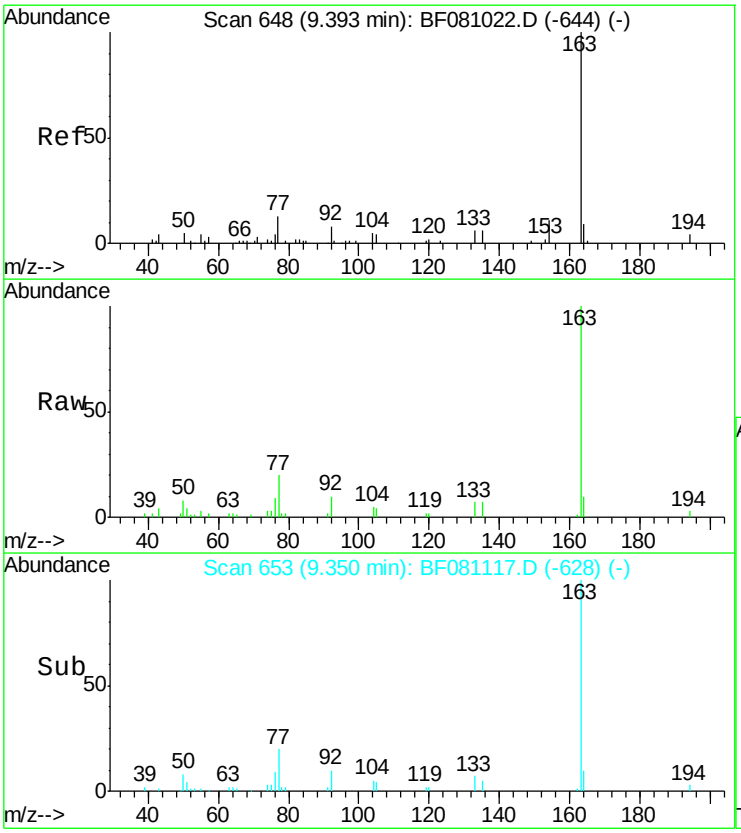
#44
2-Fluorobiphenyl
Concen: 15.08 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:172 Resp: 148148

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.9	43.3
170	23.6	19.4	29.2

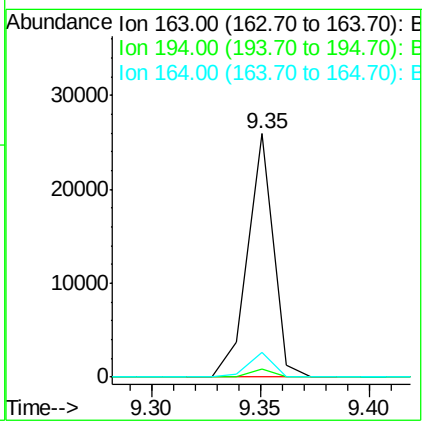


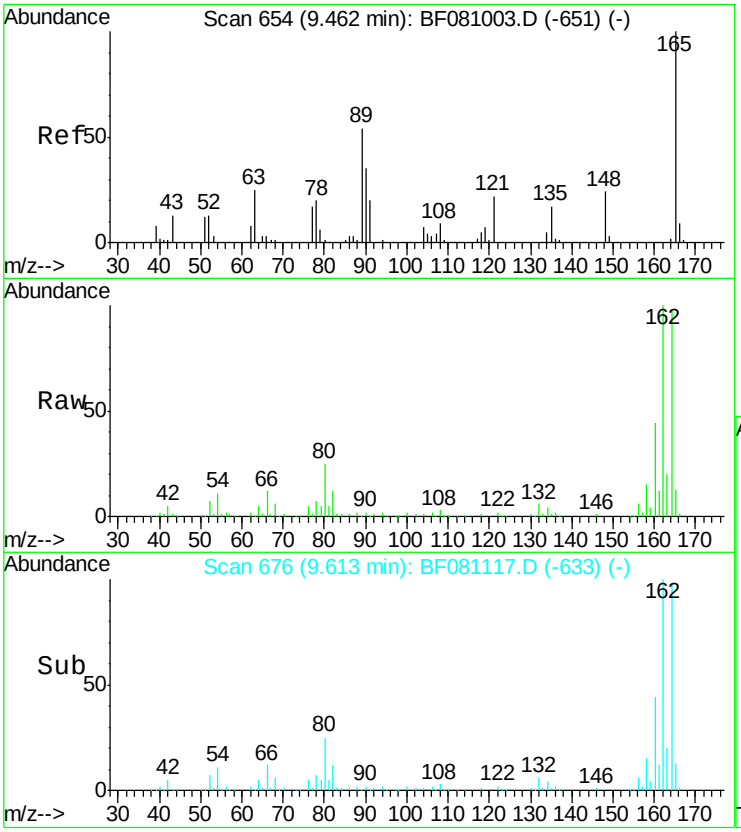


#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:163 Resp: 21266

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.5	3.7
164	10.4	8.1	12.1



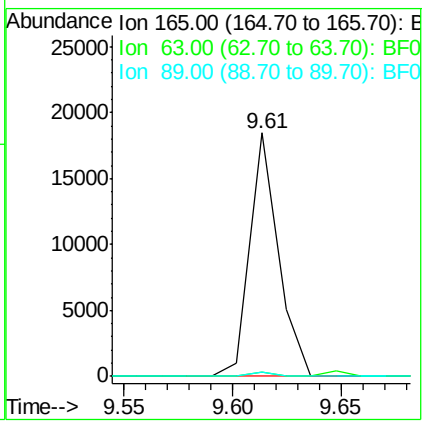


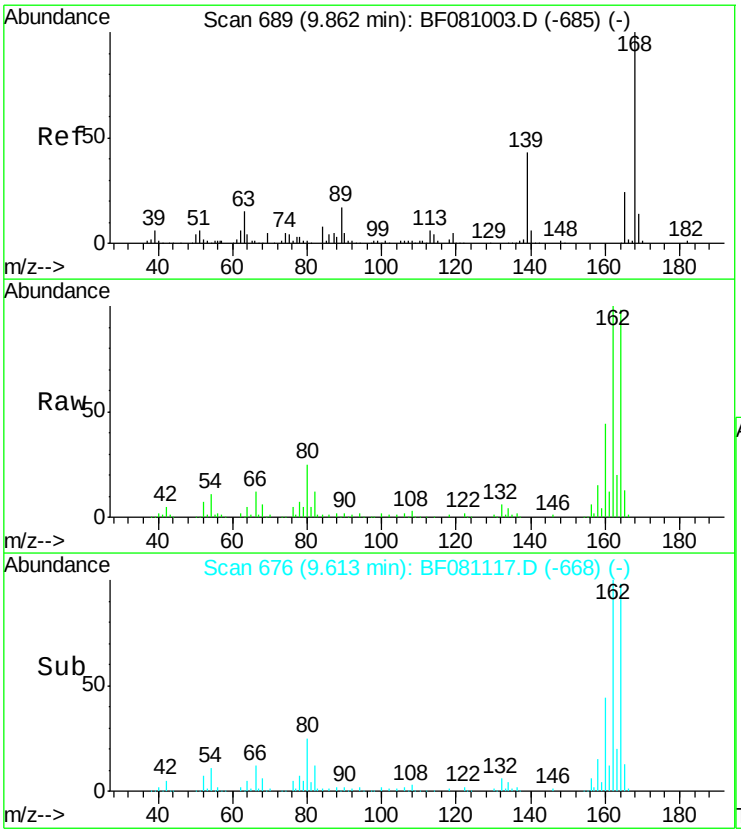
#50
2,6-Dinitrotoluene
Concen: 7.39 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.19 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:165 Resp: 16824

Ion	Ratio	Lower	Upper
165	100		
63	1.9	49.5	74.3#
89	2.0	47.6	71.4#

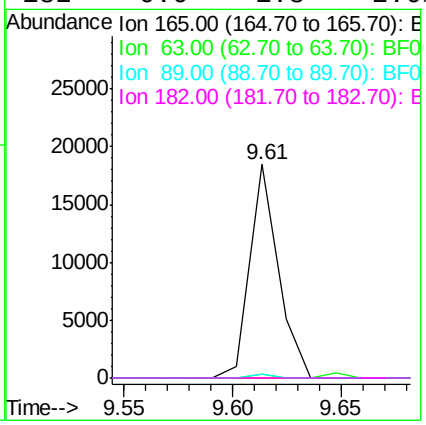


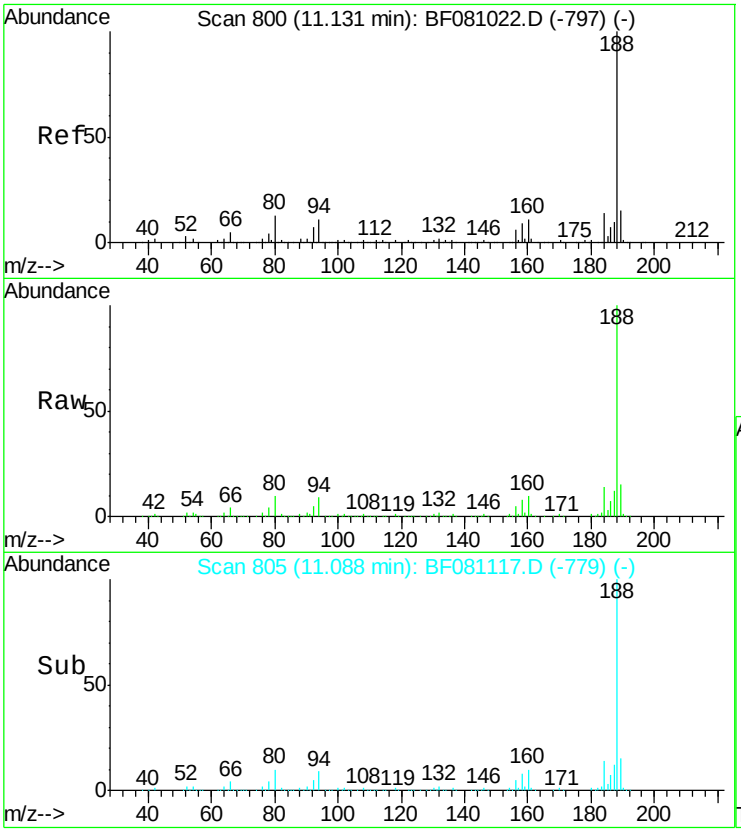


#56
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:165 Resp: 16824

Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.2	78.4#
89	2.0	60.1	90.1#
182	0.0	1.8	2.6#



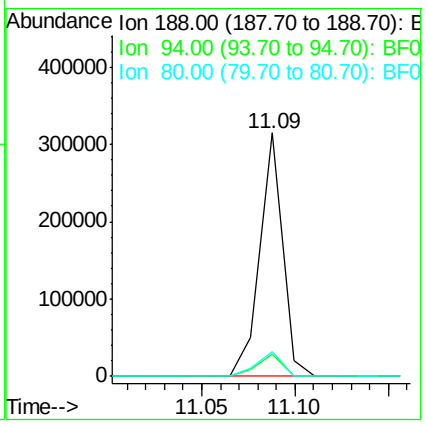


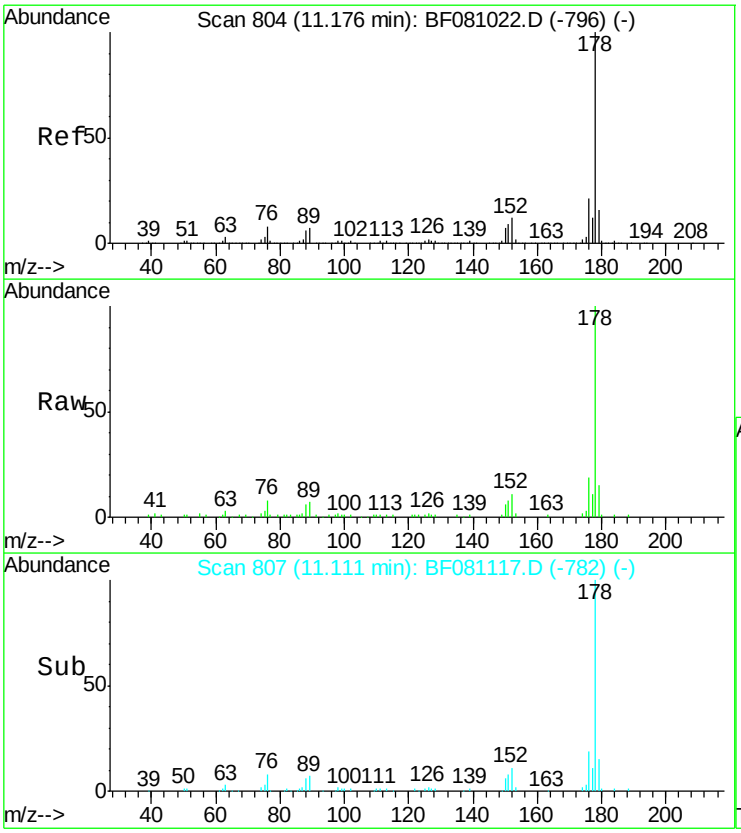
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:188 Resp: 264974

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	10.0	9.5	14.3

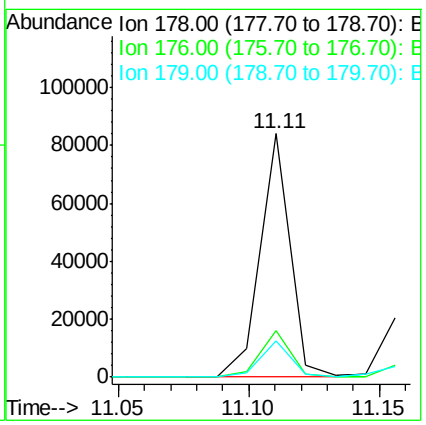


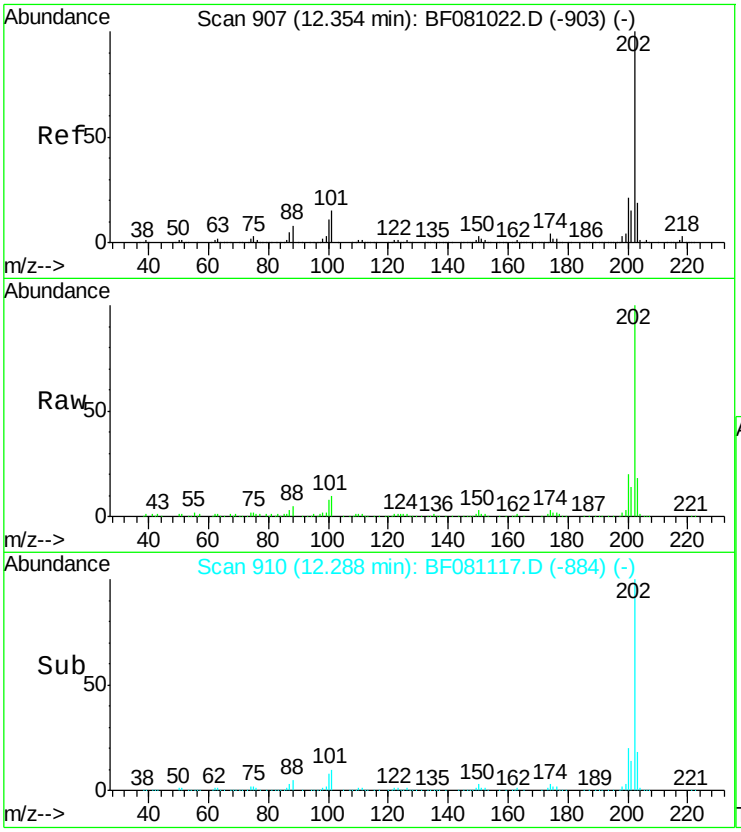


#70
Phenanthrene
Concen: 4.30 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:178 Resp: 67512

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	14.8	12.2	18.2



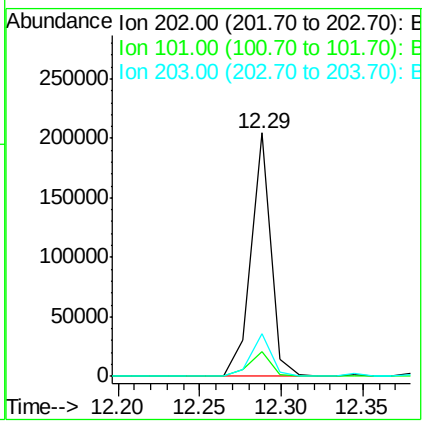


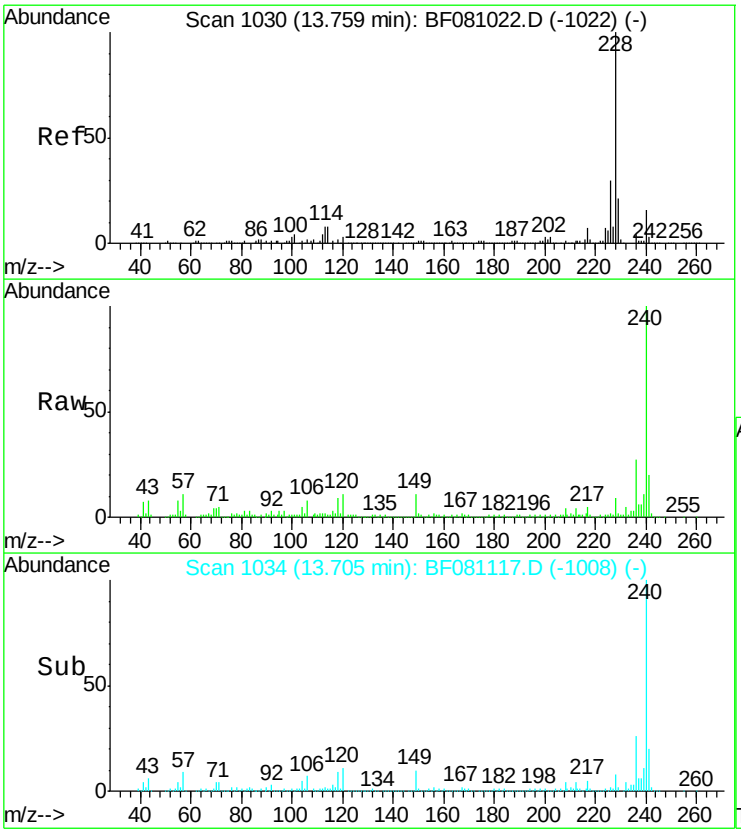
#74
Fluoranthene
Concen: 10.14 ng
RT: 12.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:202 Resp: 171784

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	24.8
203	17.7	0.0	36.9

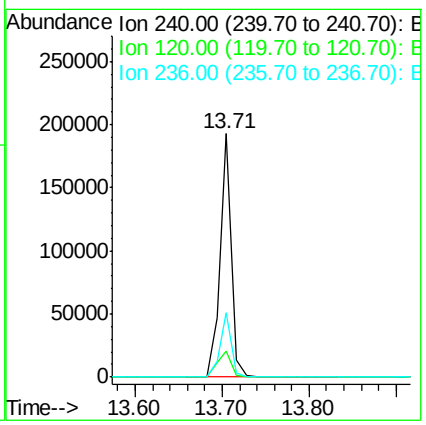


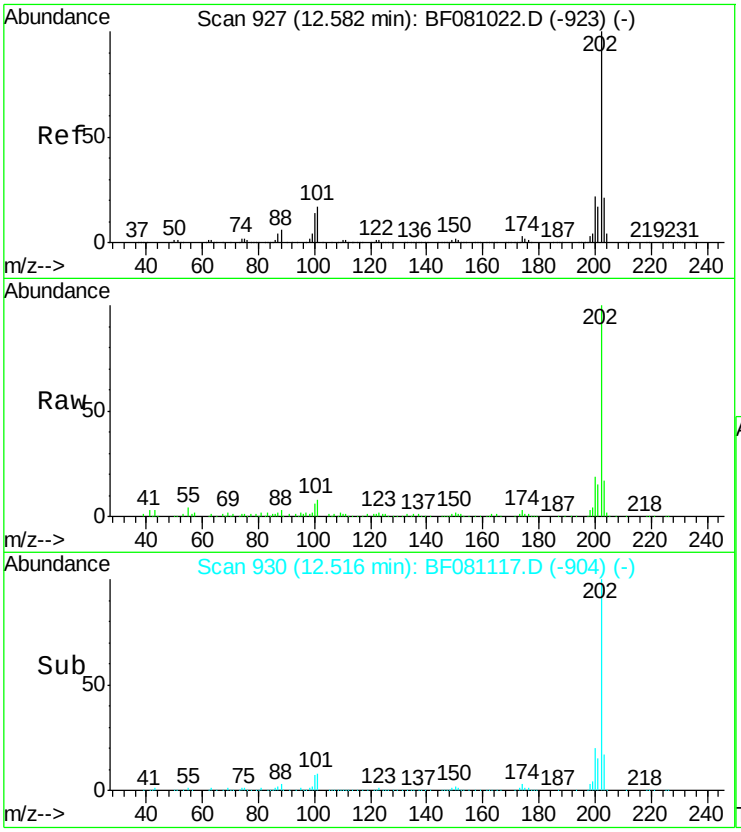


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:240 Resp: 177565

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.6	8.4#
236	26.7	20.6	30.8



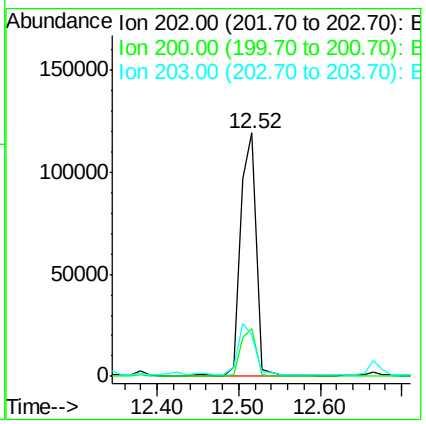


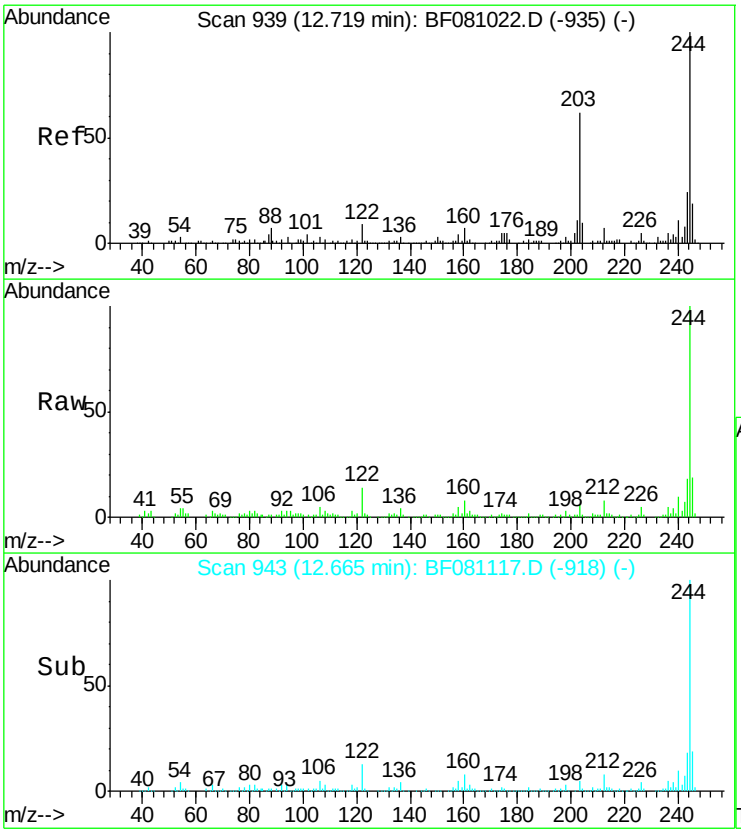
#77
Pyrene
Concen: 11.04 ng
RT: 12.52 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:202 Resp: 159307

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.6	24.8
203	17.2	14.1	21.1

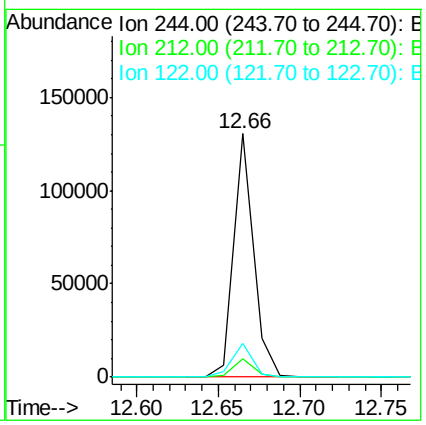


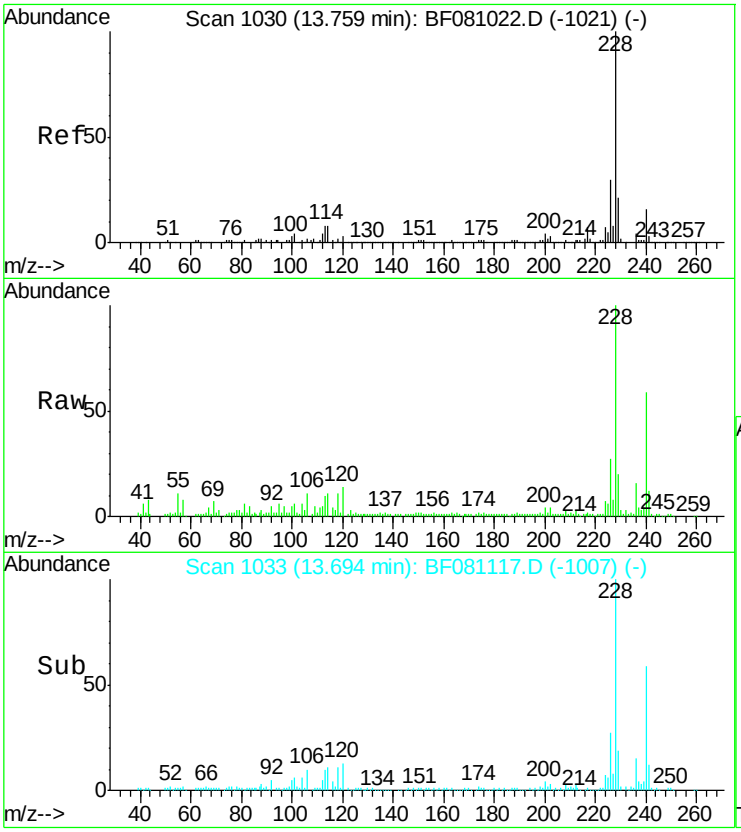


#78
Terphenyl-d14
Concen: 13.11 ng
RT: 12.66 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:244 Resp: 108577

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	13.8	8.2	12.4#



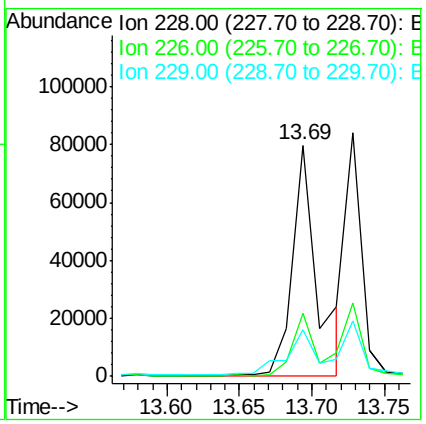


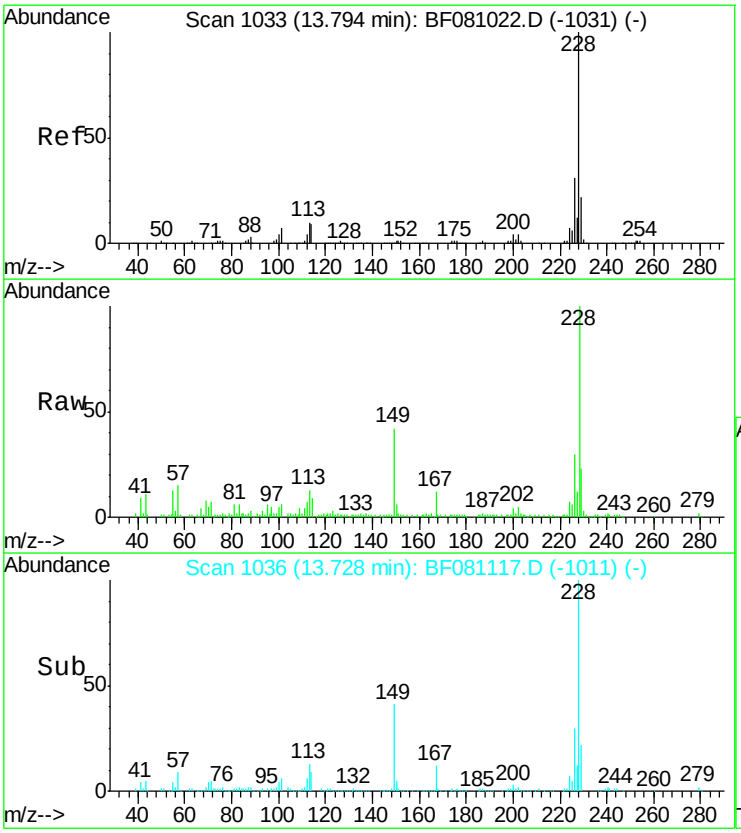
#80
Benzo(a)anthracene
Concen: 8.04 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:228 Resp: 95799

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.1	15.9	23.9

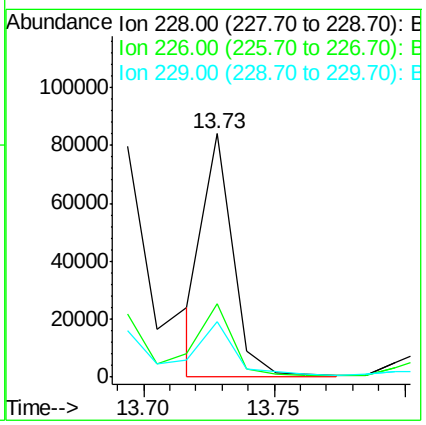


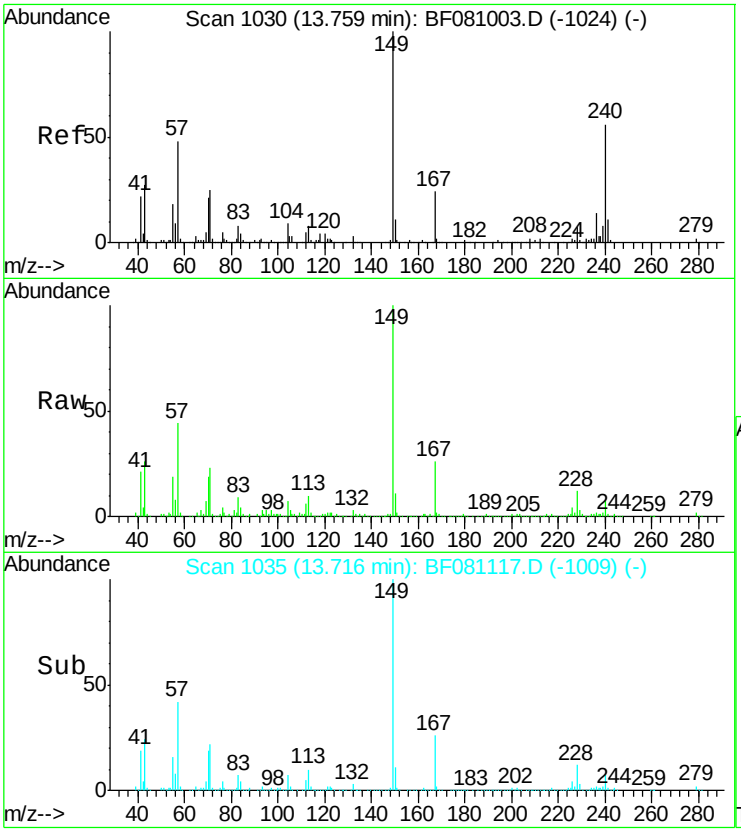


#82
Chrysene
Concen: 6.04 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:228 Resp: 64812

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	22.8	16.0	24.0



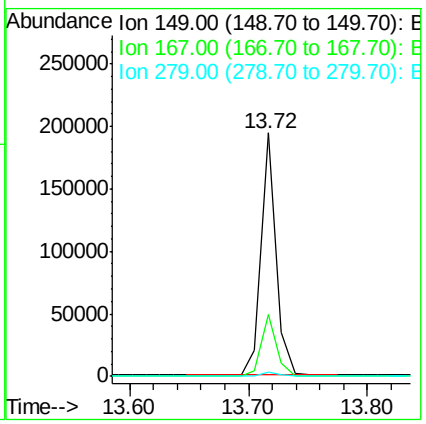


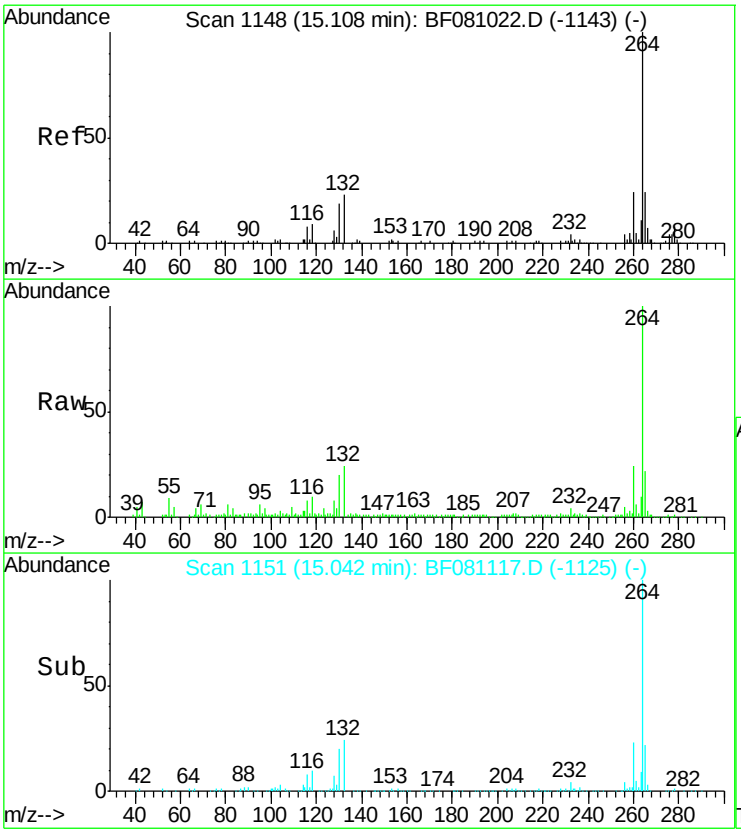
#83
Bis(2-ethylhexyl)phthalate
Concen: 21.55 ng
RT: 13.72 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:149 Resp: 171284

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.7	31.1
279	2.0	2.2	3.4#

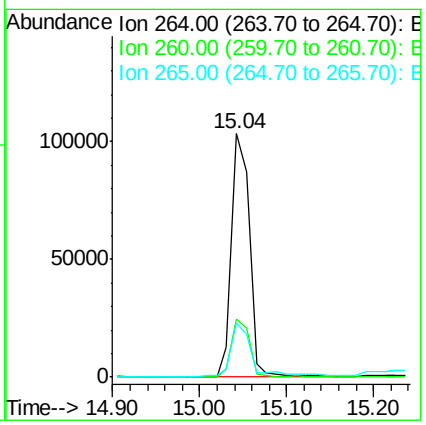


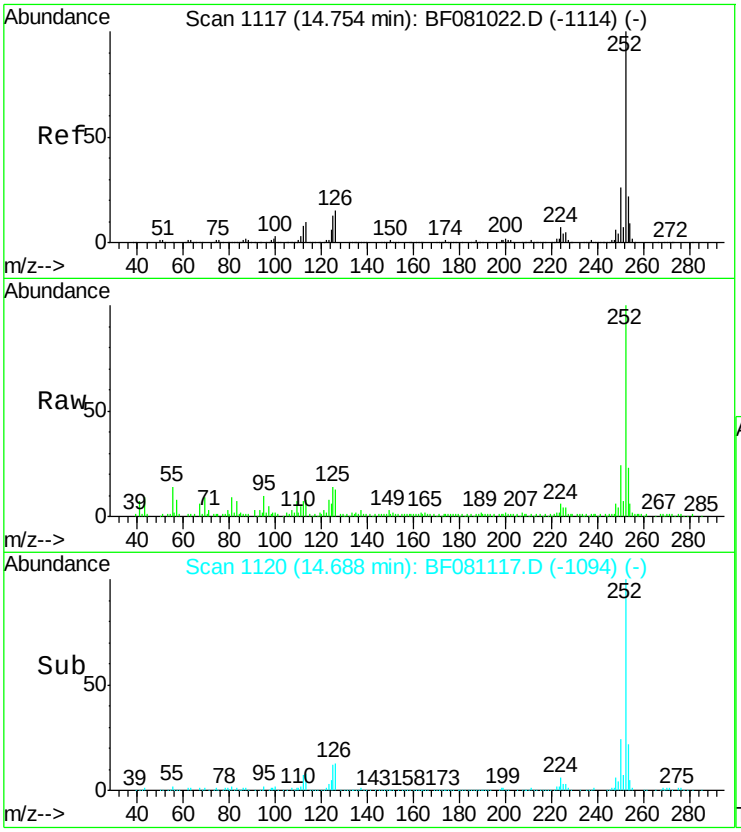


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:264 Resp: 148075

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	22.4	17.5	26.3



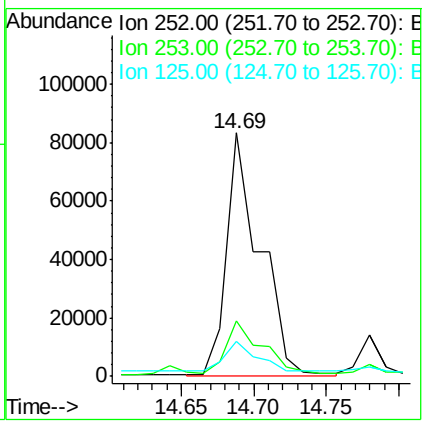


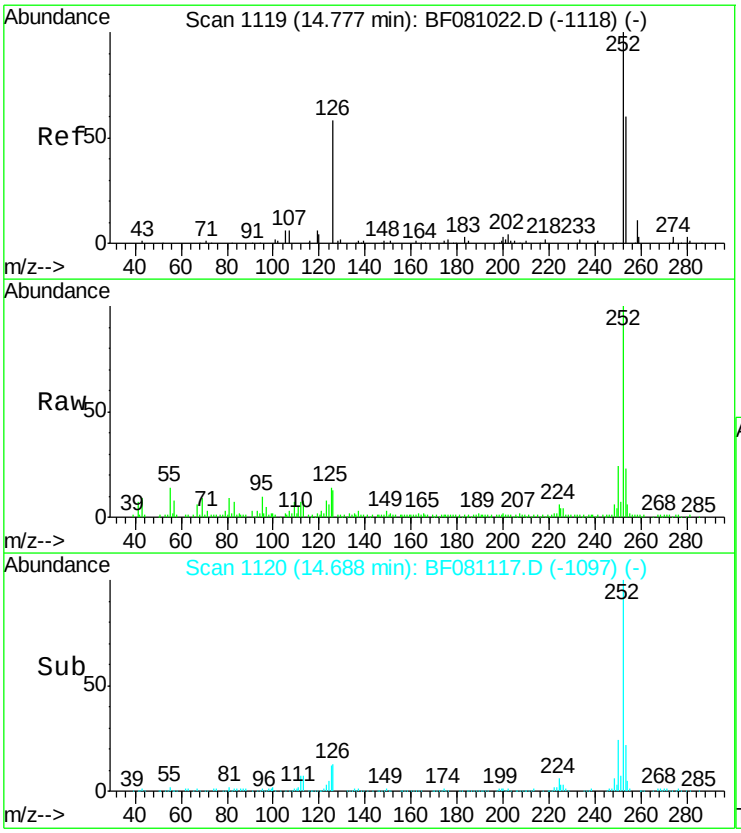
#87
Benzo(b)fluoranthene
Concen: 12.64 ng
RT: 14.69 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:252 Resp: 132419

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	14.2	8.0	12.0#

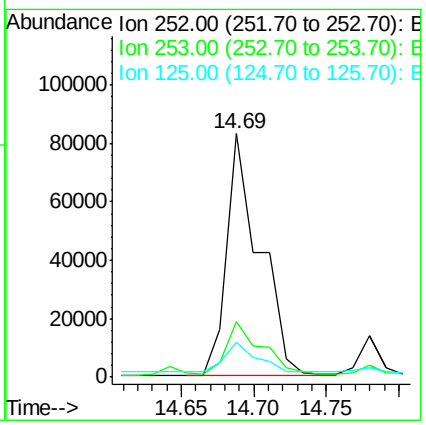


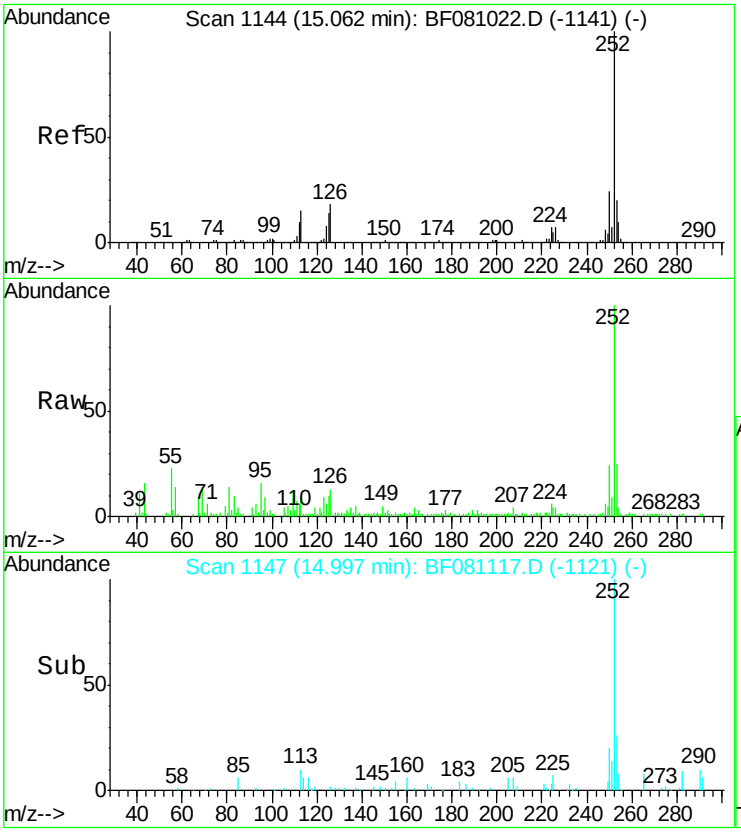


#88
Benzo(k)fluoranthene
Concen: 13.49 ng
RT: 14.69 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:252 Resp: 131662

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	14.2	10.3	15.5



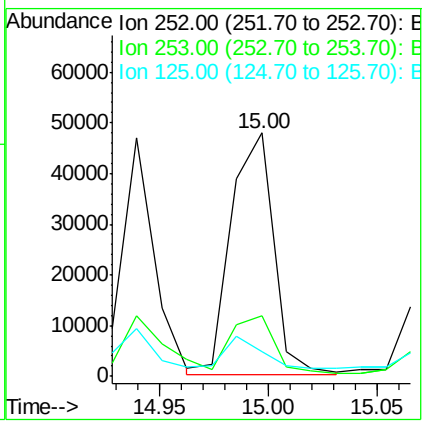


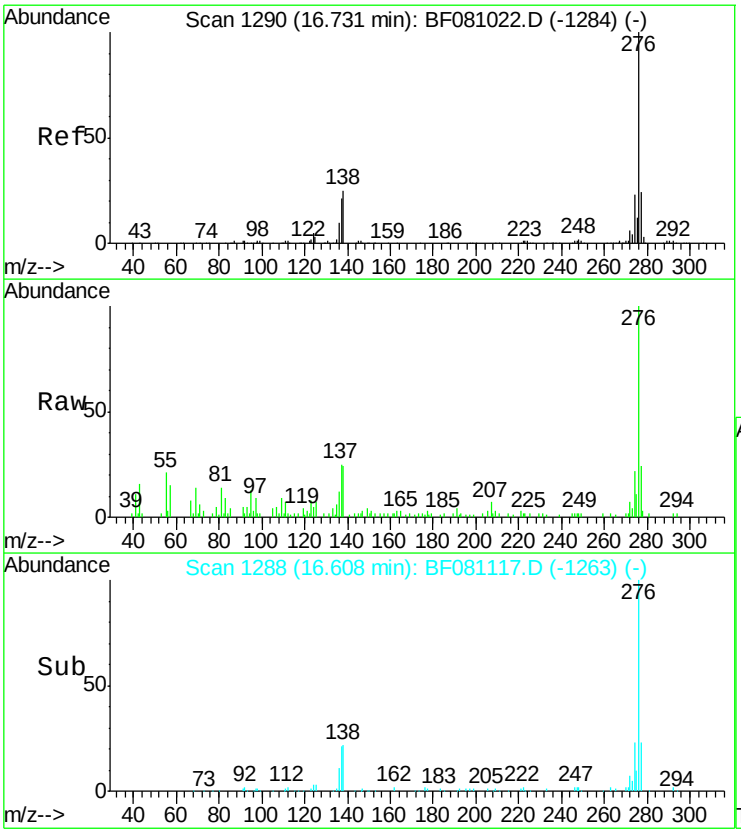
#89
Benzo(a)pyrene
Concen: 7.09 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:252 Resp: 64693

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.6	25.0
125	10.1	7.8	11.8





#91
Benzo(g,h,i)perylene
Concen: 5.93 ng
RT: 16.61 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion:276 Resp: 42799

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.2	27.2
138	23.9	13.7	20.5#