Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

Quant Time: Jul 14 01:16:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	74770	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	253697	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	105156	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	159803	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	132409	20.00	ng		-0.02
86) Perylene-d12	15.20	264	115772	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	579456	116.15	ng		0.01
7) Phenol-d6	6.35	99	719449	111.60	ng		0.00
23) Nitrobenzene-d5	7.27	82	509019	105.14	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	127534	130.61	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	709368	106.56	ng		-0.01
78) Terphenyl-d14	12.79	244	419073	70.49	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	69470	16.04	ng	#	70
25) Isophorone	7.27	82	469108	52.31	ng	#	65
49) Dimethylphthalate	9.46	163	173513	23.16	ng		98
56) 2,4-Dinitrotoluene	9.72	165	13569	6.25	ng	#	36
66) 4-Bromophenyl-phenylether	10.51	248	8259	5.13	ng	#	1
70) Phenanthrene	11.22	178	28631	3.28	ng		99
74) Fluoranthene	12.41	202	70101	7.92	ng		94
77) Pyrene	12.64	202	60961	5.43	ng		97
80) Benzo(a)anthracene	13.82	228	47536	5.58	ng		96
82) Chrysene	13.85	228	36423	4.32	ng		97
83) Bis(2-ethylhexyl)phthalate	13.83	149	58734	10.27	ng		97
84) Di-n-octyl phthalate	14.48	149	156468	16.11	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.48	276	19048	2.94	ng	#	100
87) Benzo(b)fluoranthene	14.82	252	72928	10.04	ng	#	95
88) Benzo(k)fluoranthene	14.82	252	70589	11.17	ng		99
89) Benzo(a)pyrene	15.10	252	29762	4.84	ng		96
91) Benzo(g,h,i)perylene	16.87	276	20168	3.80	ng		96

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

Quantitation Report (Not Reviewed)

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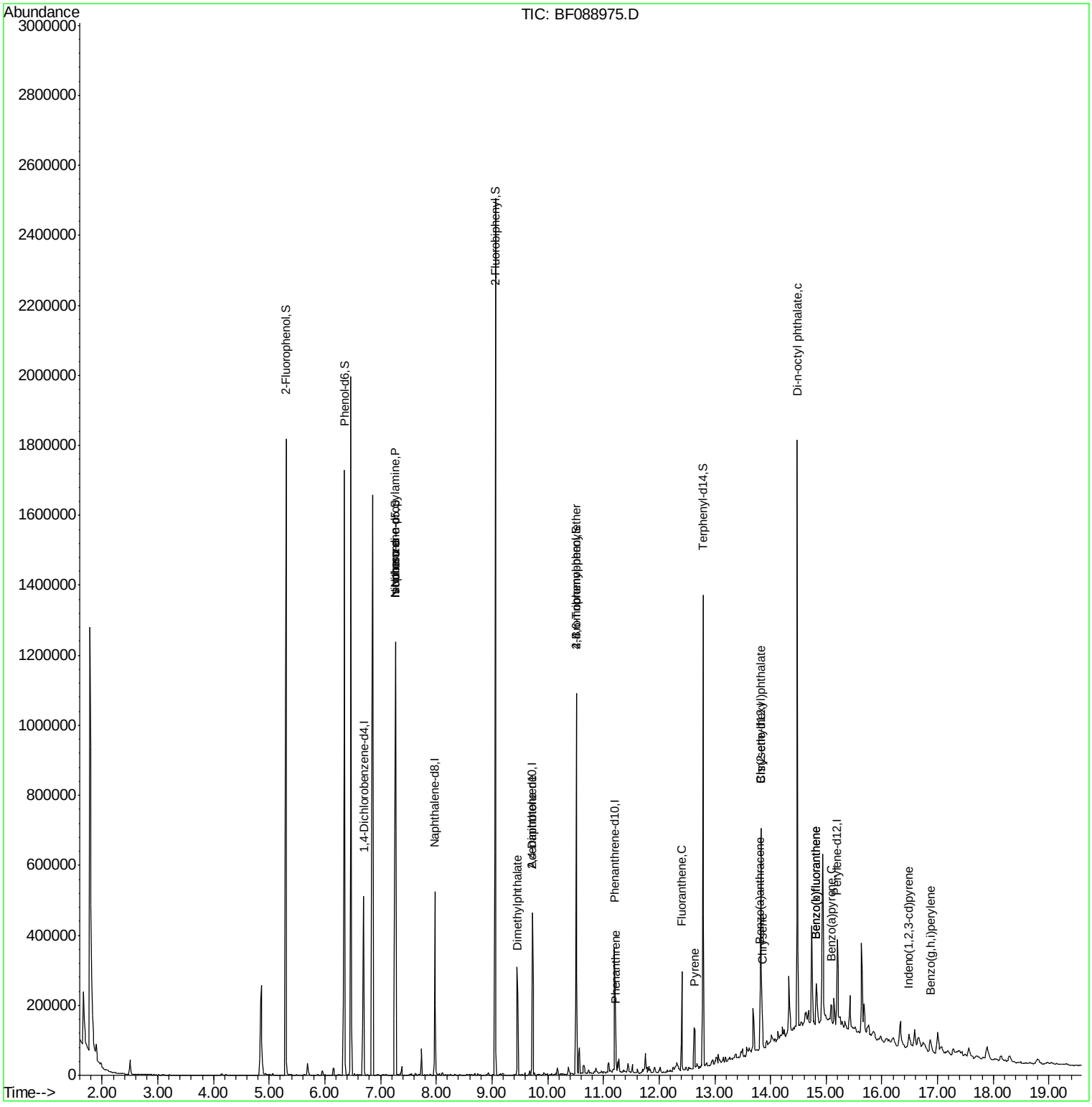
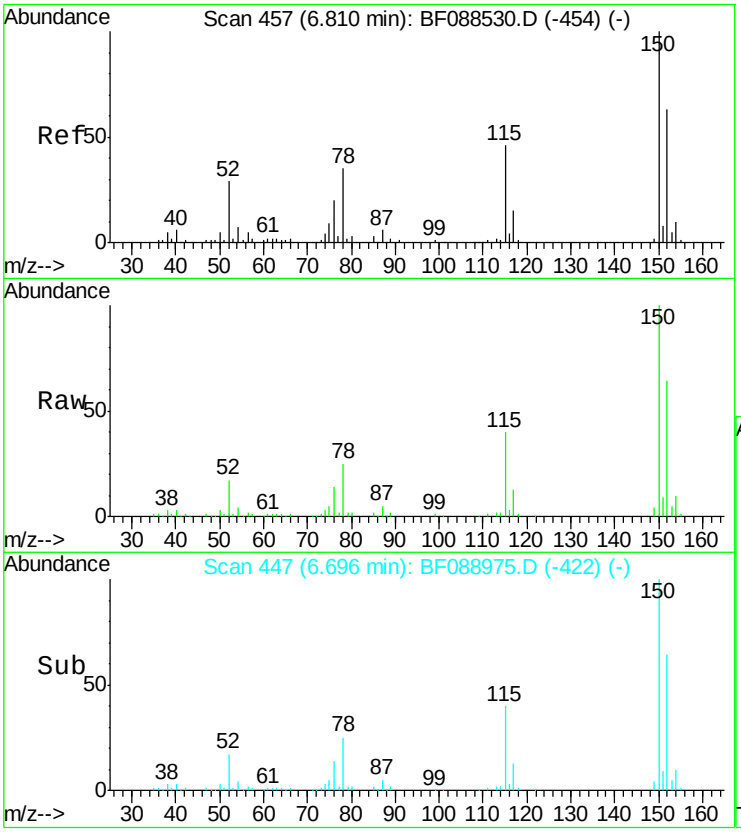


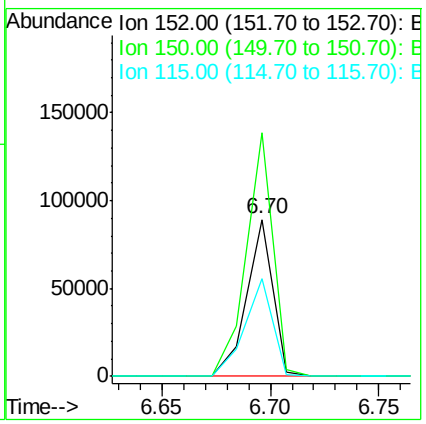


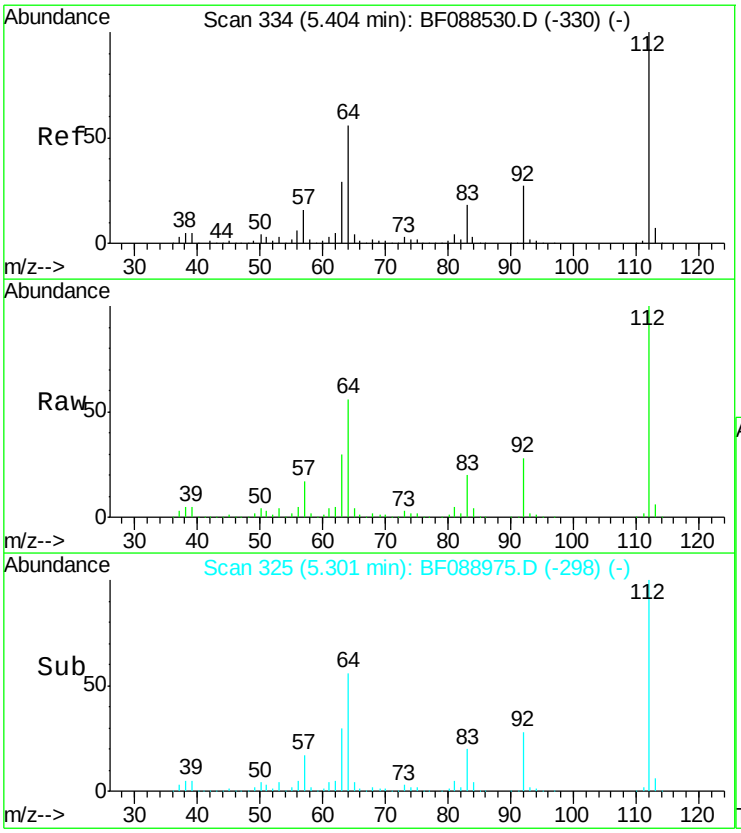
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:152 Resp: 74770

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.8	185.6
115	62.6	39.6	59.4#

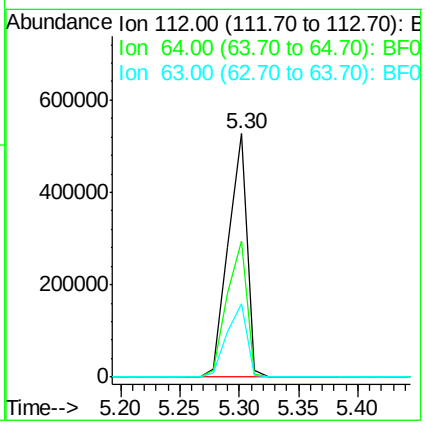


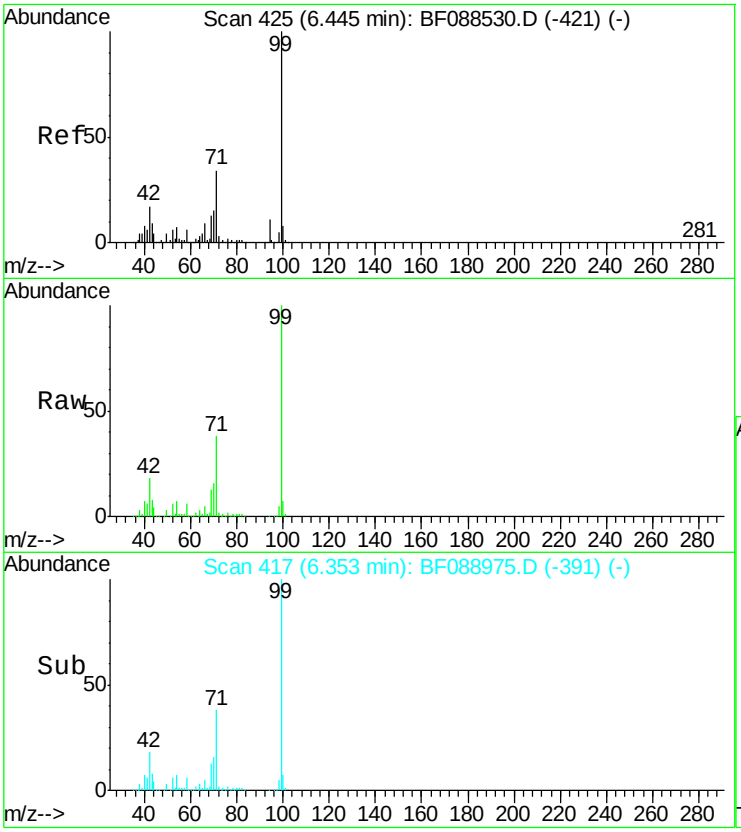


#5
2-Fluorophenol
Concen: 116.15 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:112 Resp: 579456

Ion	Ratio	Lower	Upper
112	100		
64	55.9	42.2	63.2
63	30.4	21.8	32.8



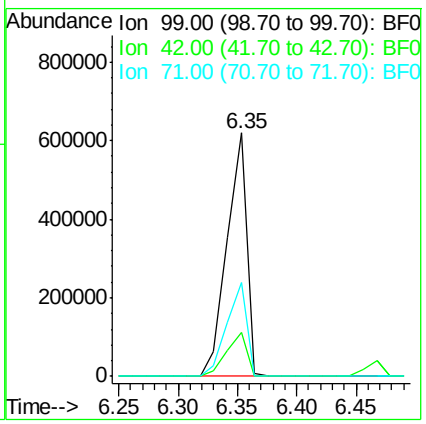


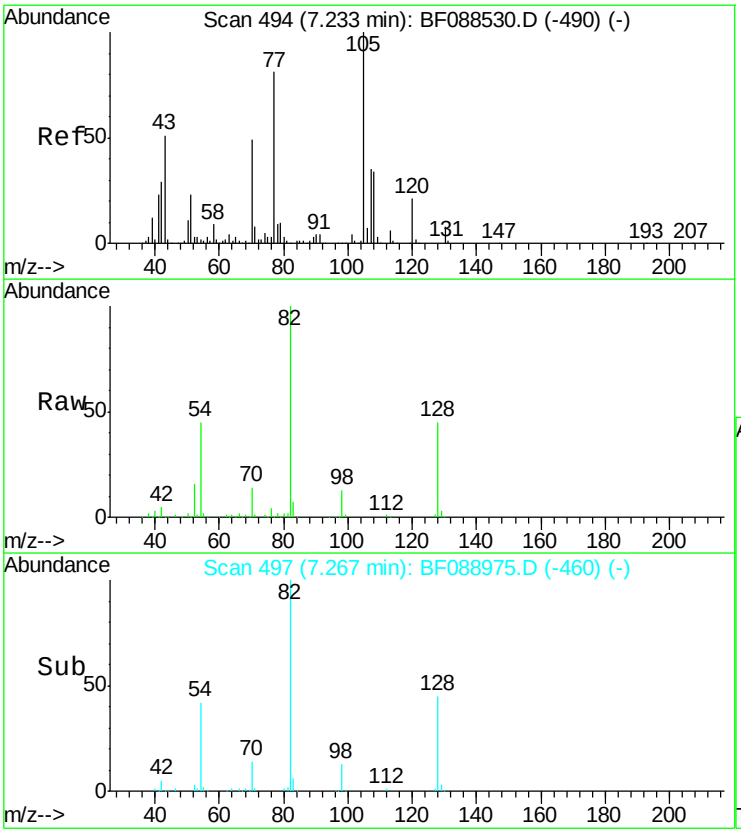
#7
Phenol-d6
Concen: 111.60 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion: 99 Resp: 719449

Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.2	18.2
71	38.4	23.4	35.0#

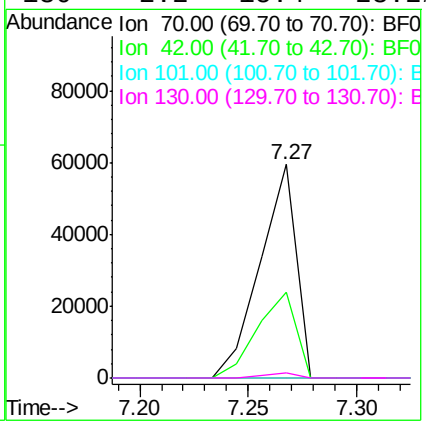


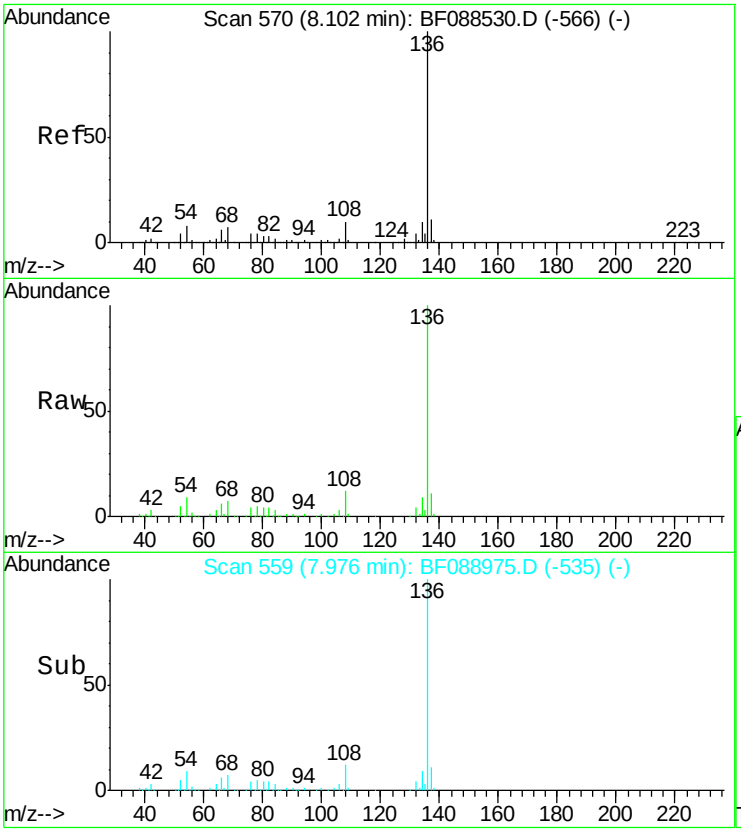


#19
n-Nitroso-di-n-propylamine
Concen: 16.04 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.13 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion: 70 Resp: 69470

Ion	Ratio	Lower	Upper
70	100		
42	40.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



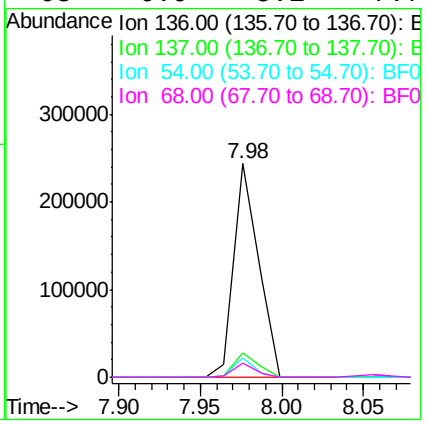


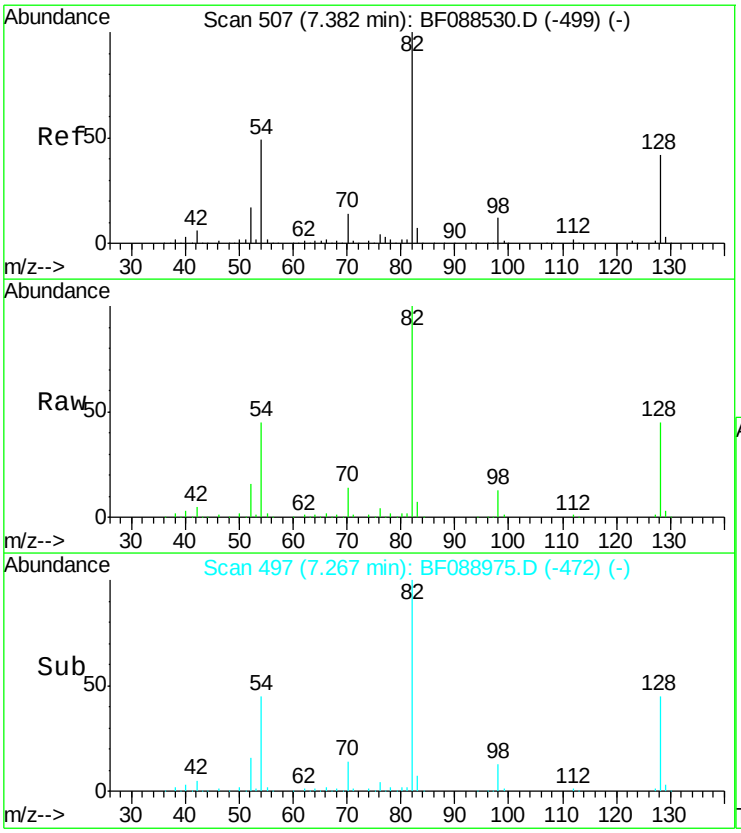
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:136 Resp: 253697

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.8	6.6	10.0
68	6.9	5.1	7.7

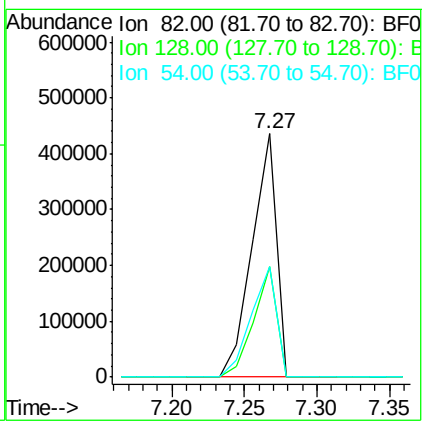


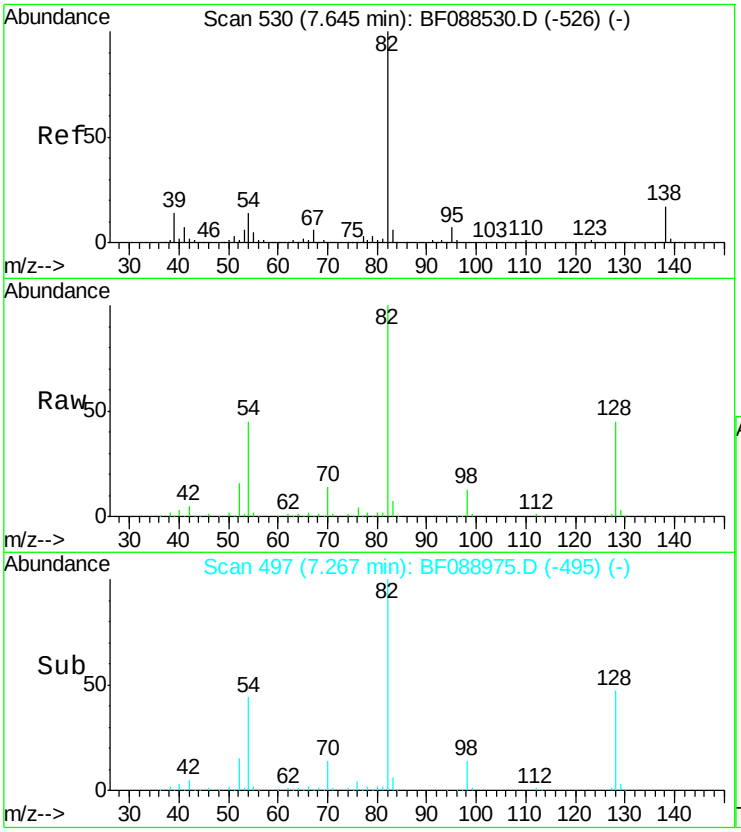


#23
Nitrobenzene-d5
Concen: 105.14 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion: 82 Resp: 509019

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.9	53.9
54	45.3	40.9	61.3



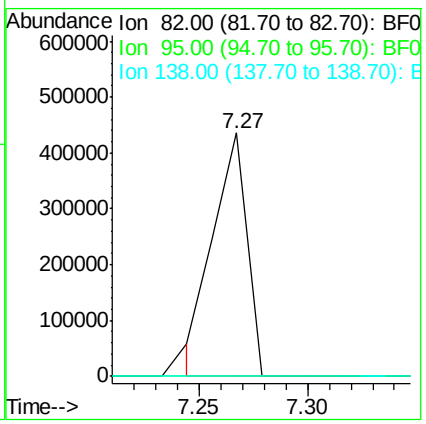


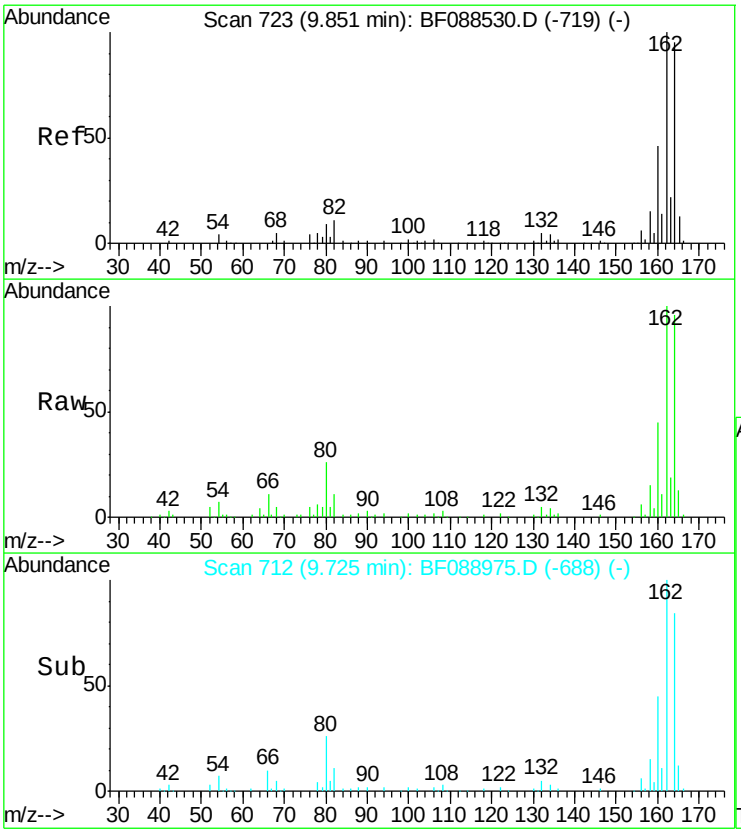
#25
Isophorone
Concen: 52.31 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.27 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion: 82 Resp: 469108

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

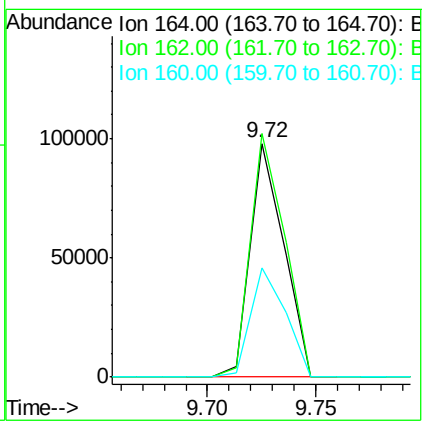


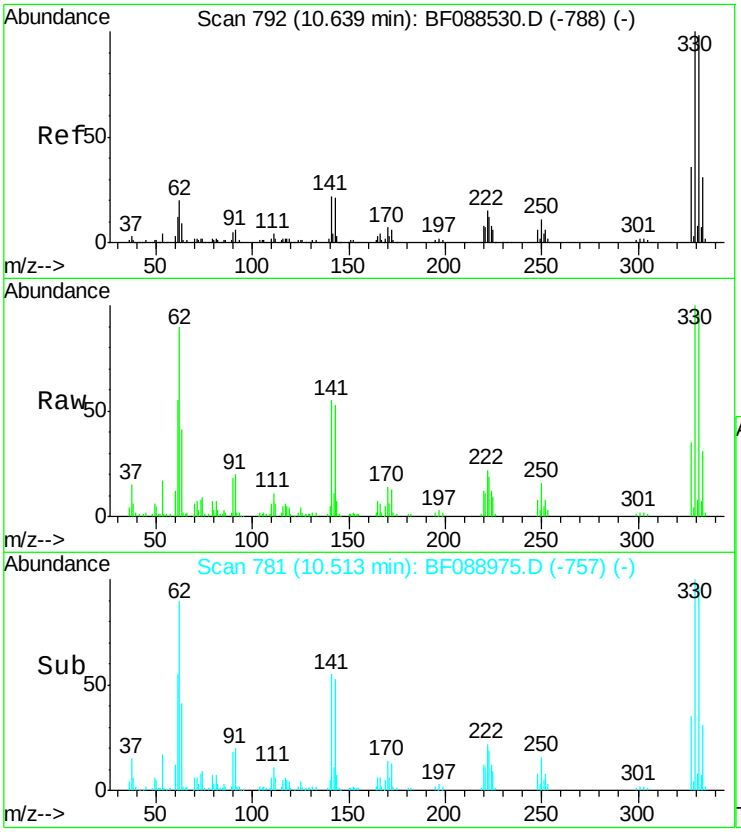


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:164 Resp: 105156

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.4	128.2
160	46.8	39.5	59.3



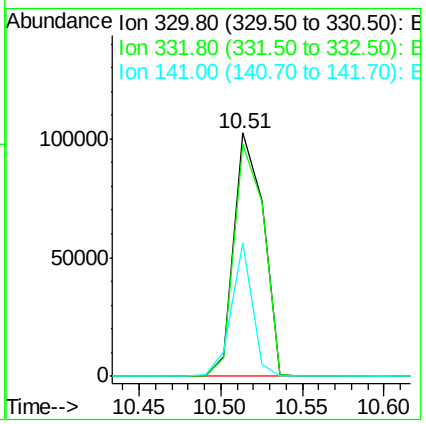


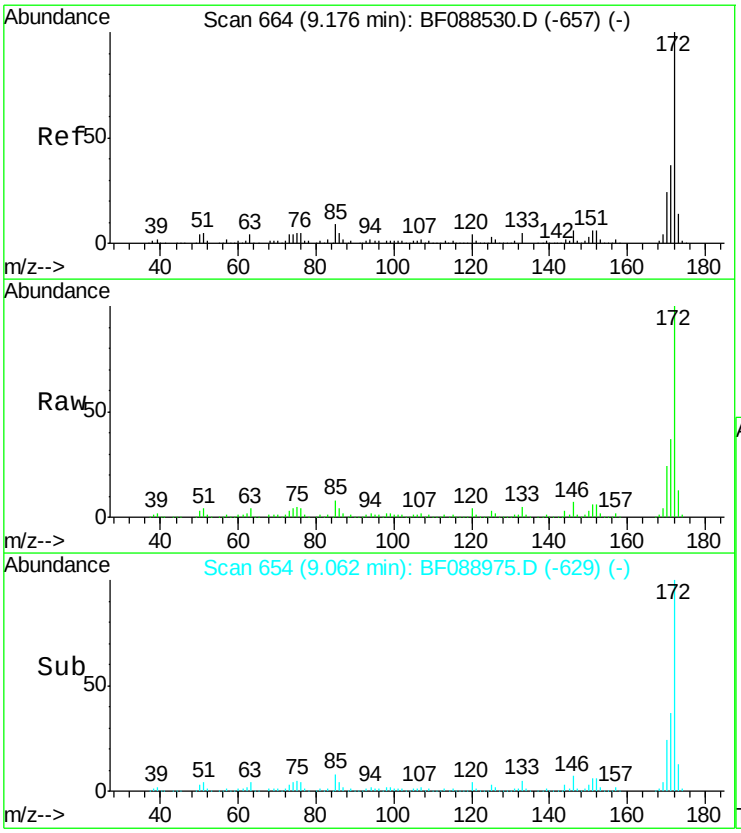
#41
2,4,6-Tribromophenol
Concen: 130.61 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:330 Resp: 127534

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	38.9	0.0	0.0#

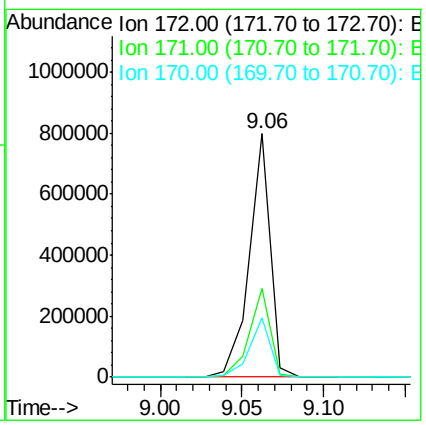


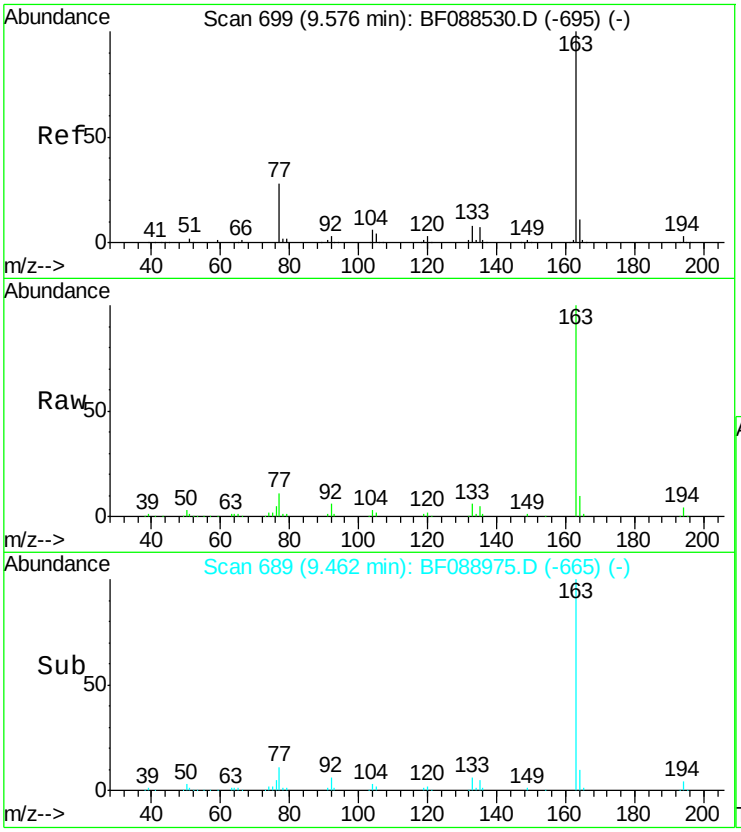


#44
2-Fluorobiphenyl
Concen: 106.56 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:172 Resp: 709368

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.2	19.2	28.8



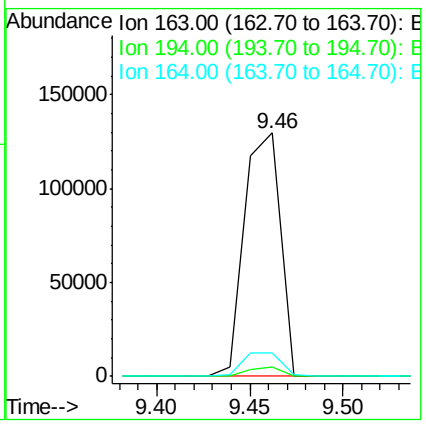


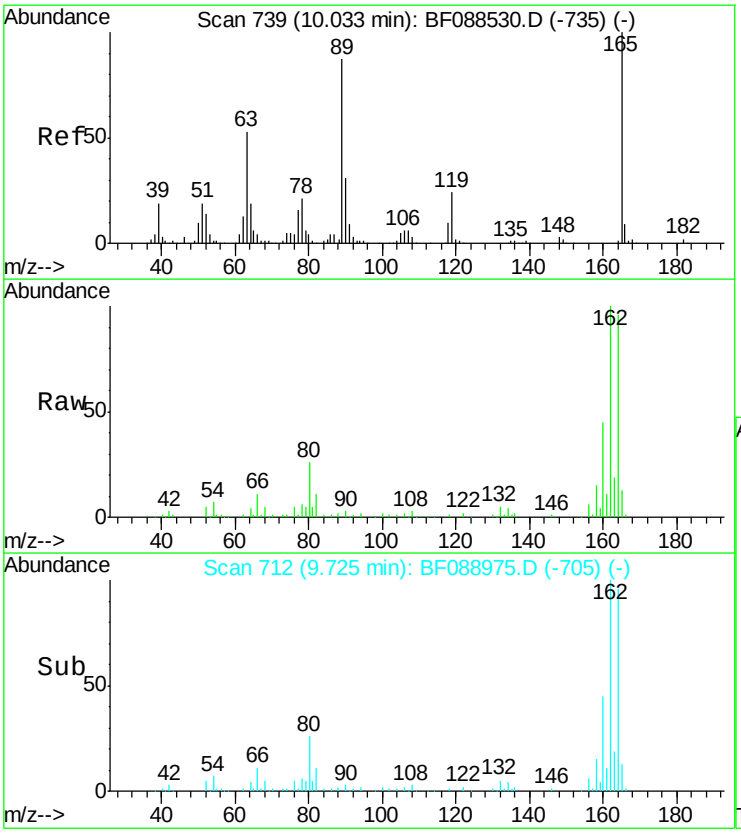
#49
Dimethylphthalate
Concen: 23.16 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:163 Resp: 173513

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	9.6	8.3	12.5

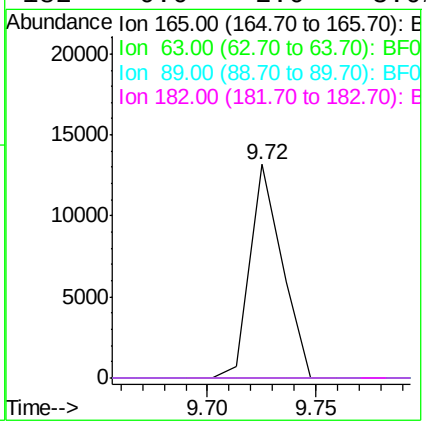


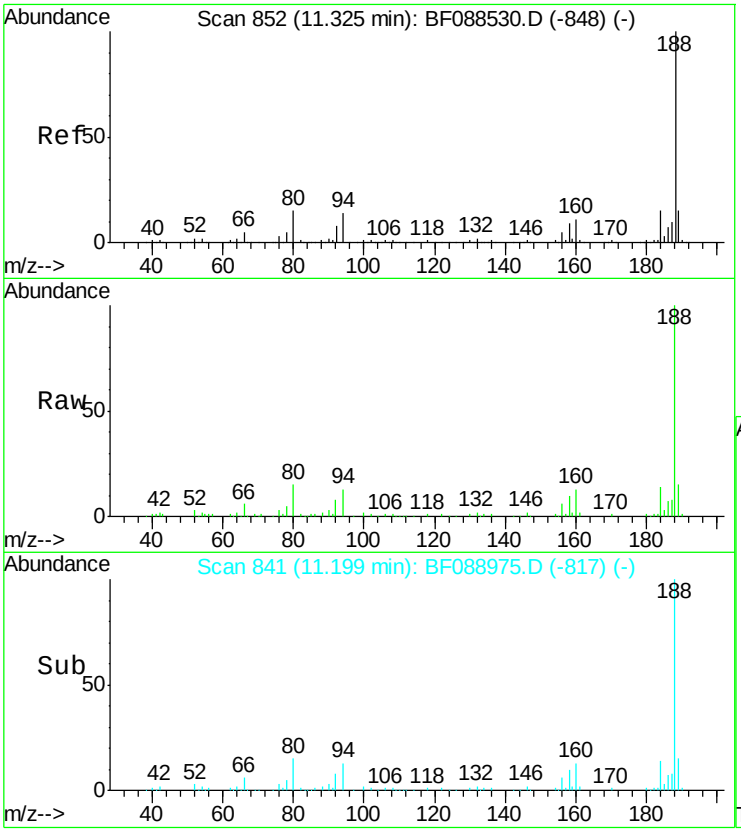


#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.22 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:165 Resp: 13569

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



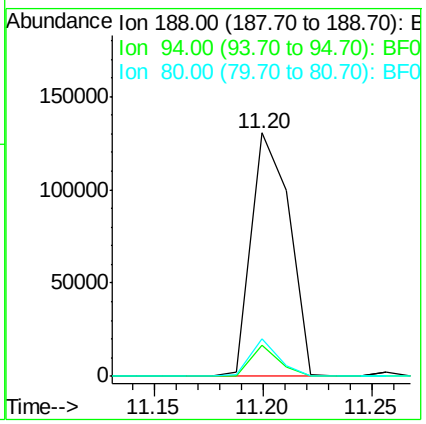


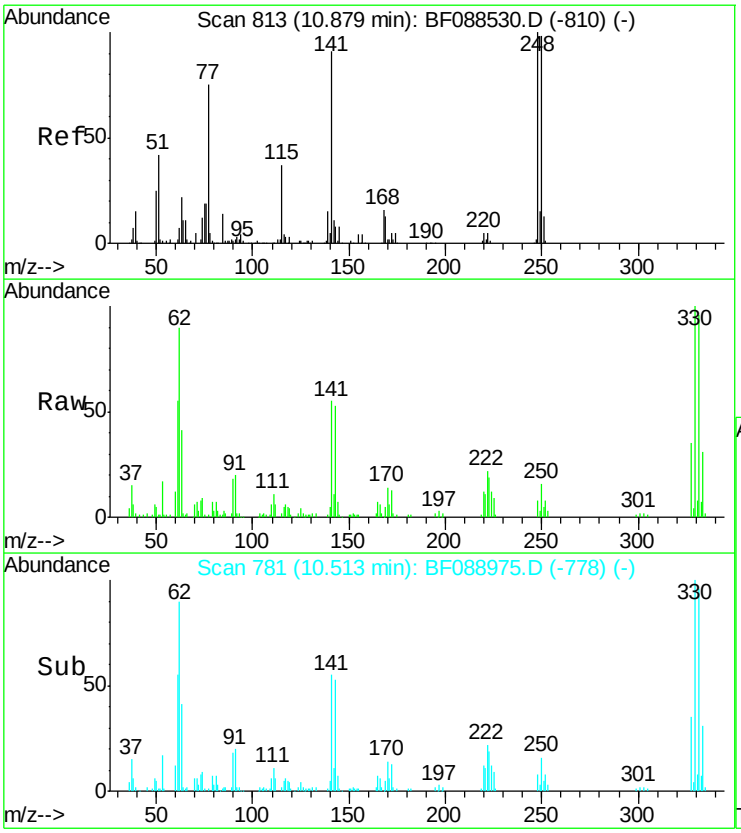
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:188 Resp: 159803

Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.0	13.6
80	15.3	10.0	15.0#

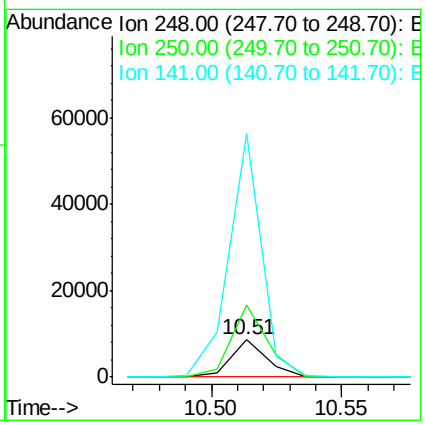


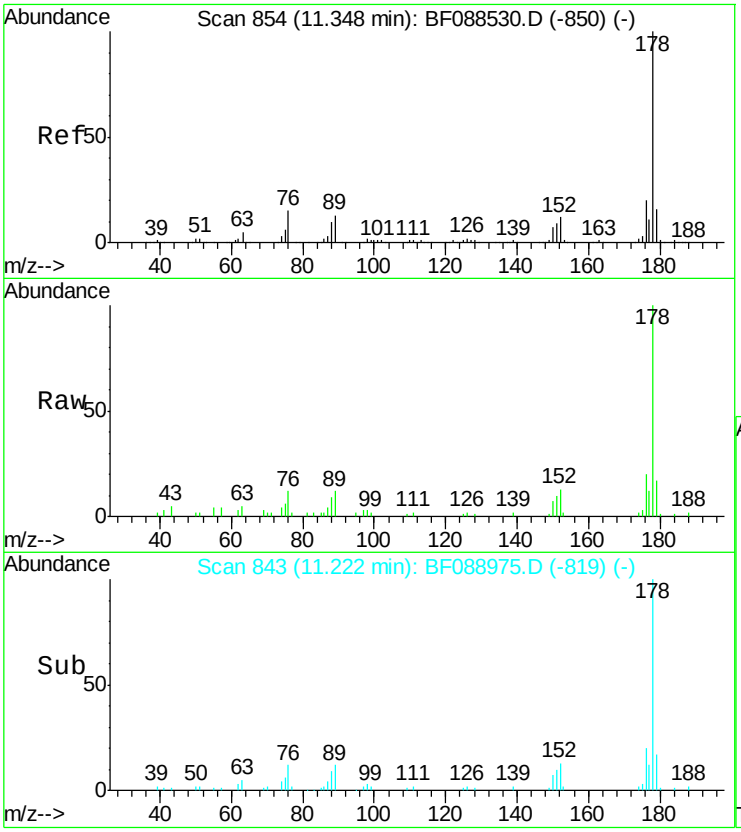


#66
4-Bromophenyl-phenylether
Concen: 5.13 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.26 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:248 Resp: 8259

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.1	115.7#
141	658.8	50.6	76.0#



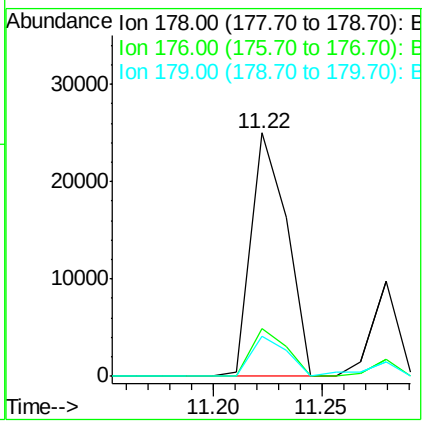


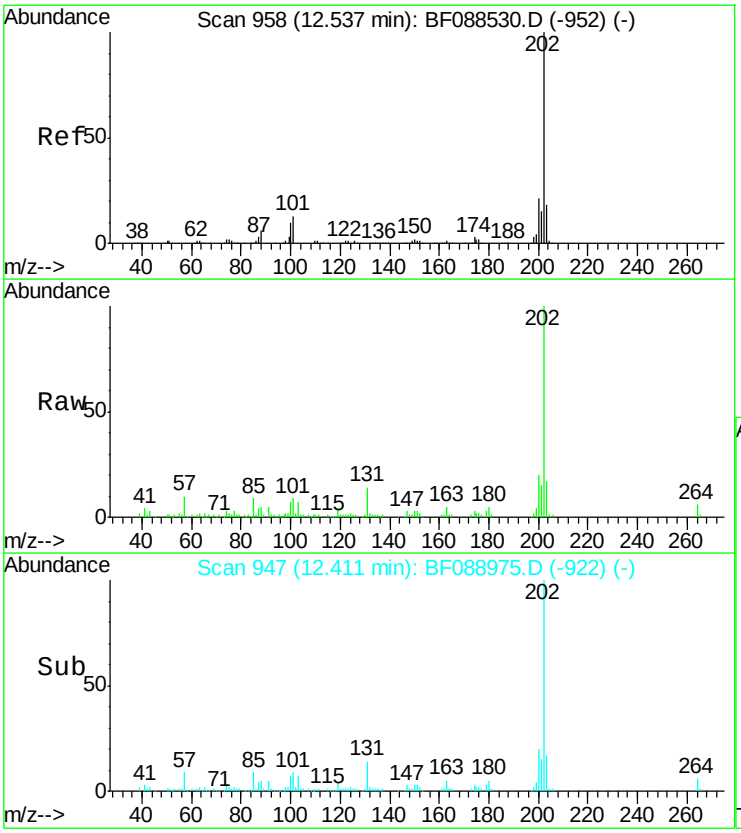
#70
Phenanthrene
Concen: 3.28 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:178 Resp: 28631

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.7	13.0	19.4

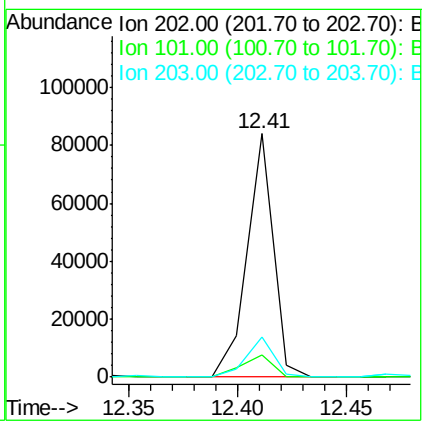


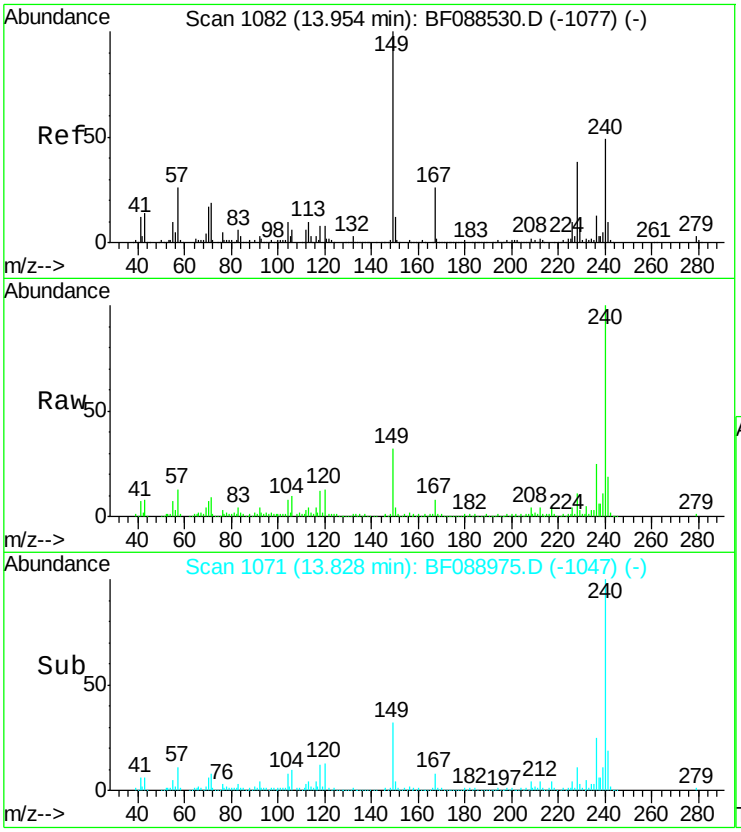


#74
Fluoranthene
Concen: 7.92 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:202 Resp: 70101

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	33.1
203	16.7	0.0	38.1



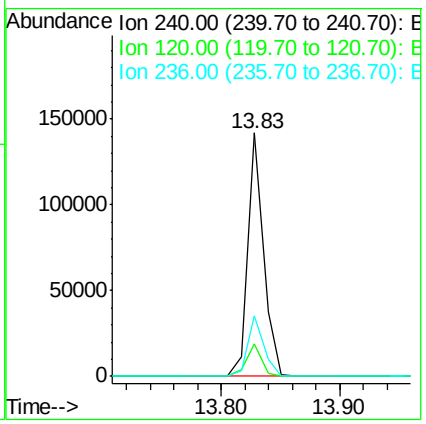


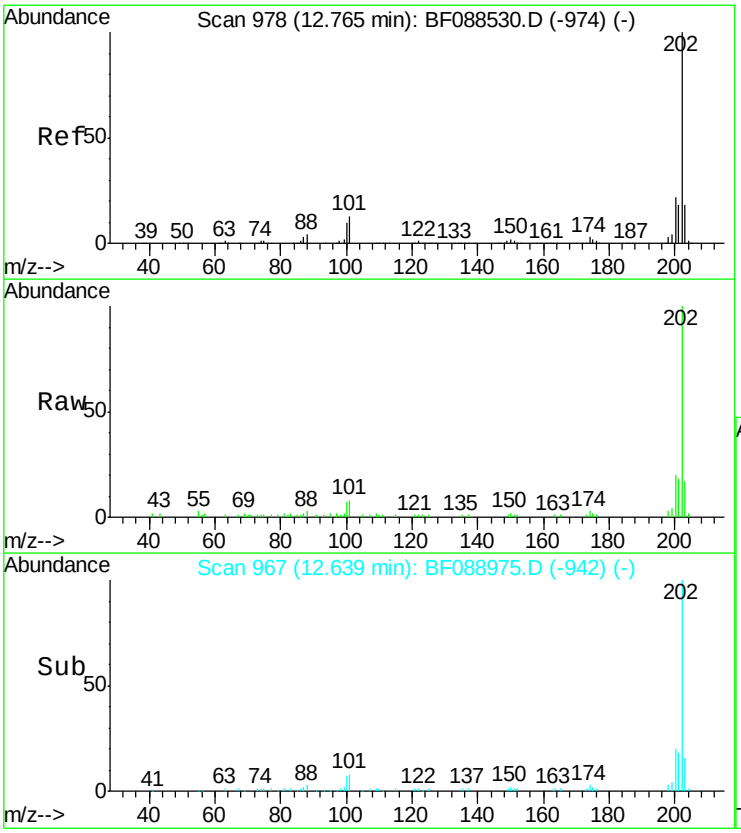
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:240 Resp: 132409

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	25.0	20.2	30.2

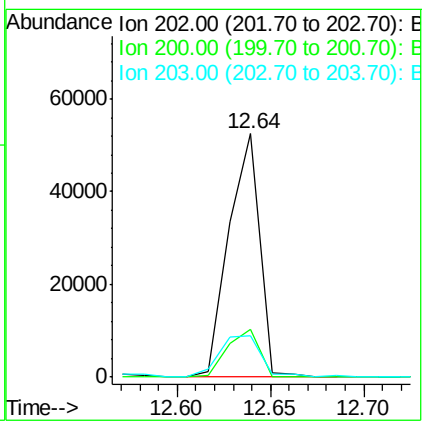


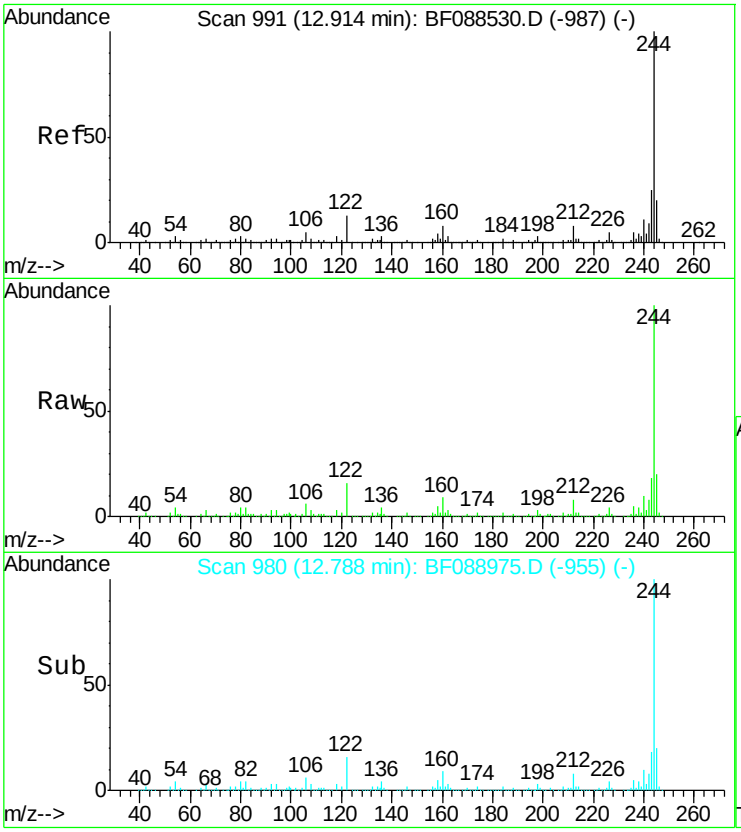


#77
Pyrene
Concen: 5.43 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:202 Resp: 60961

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	17.0	14.5	21.7



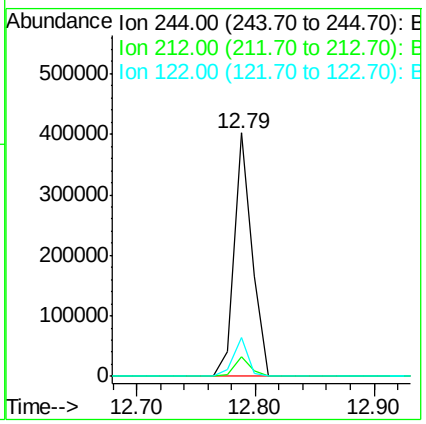


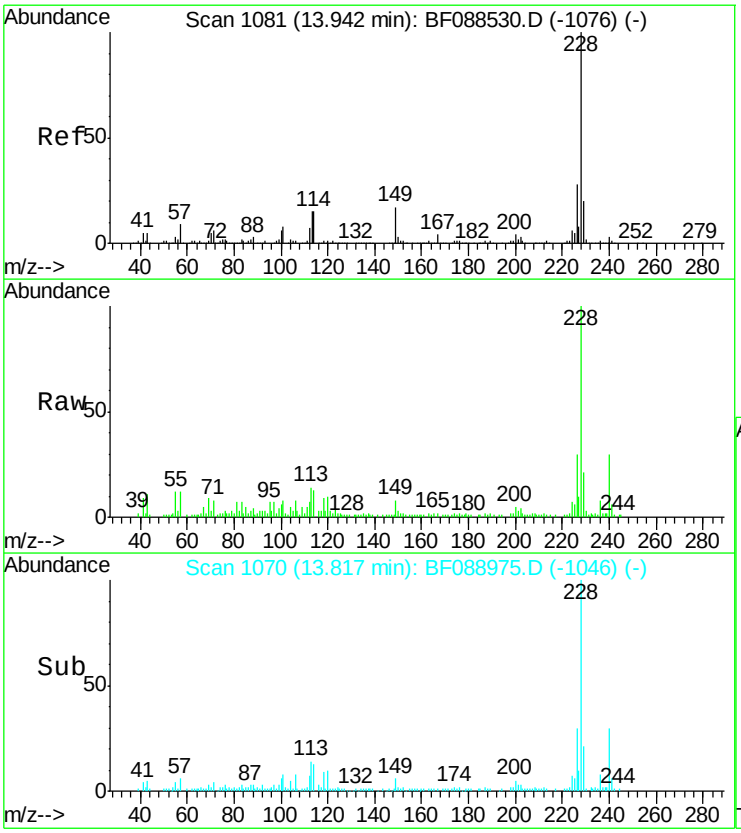
#78
Terphenyl-d14
Concen: 70.49 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:244 Resp: 419073

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	15.9	11.2	16.8

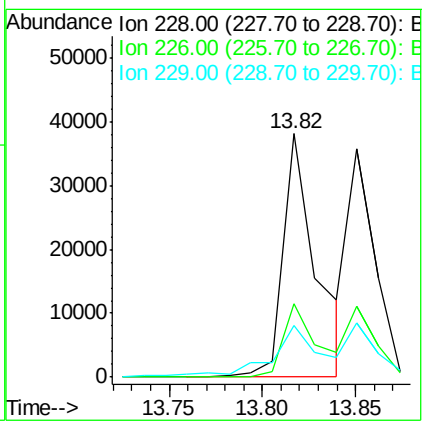


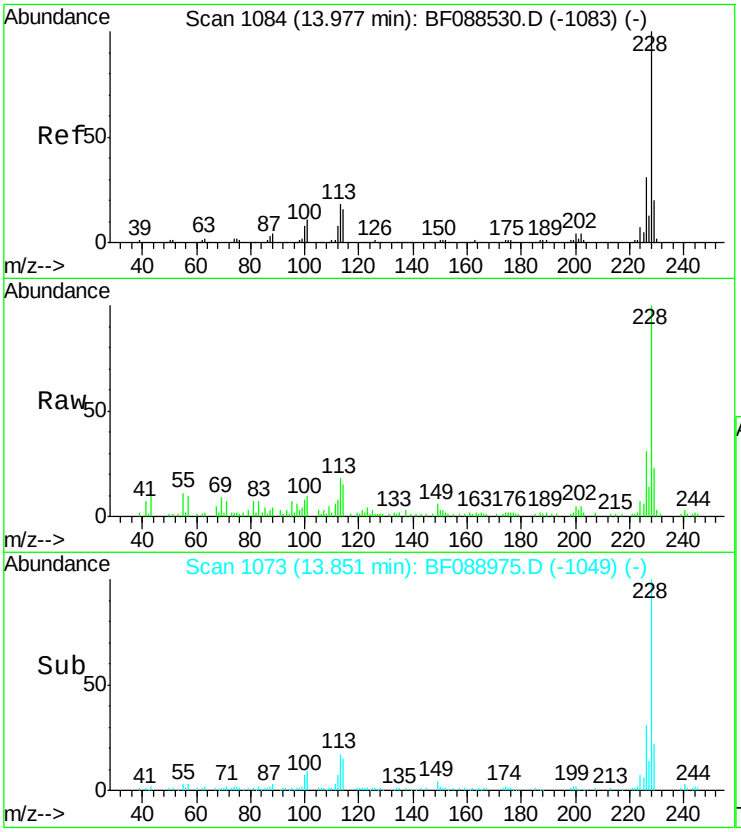


#80
Benzo(a)anthracene
Concen: 5.58 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:228 Resp: 47536

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.3	33.5
229	21.1	16.0	24.0



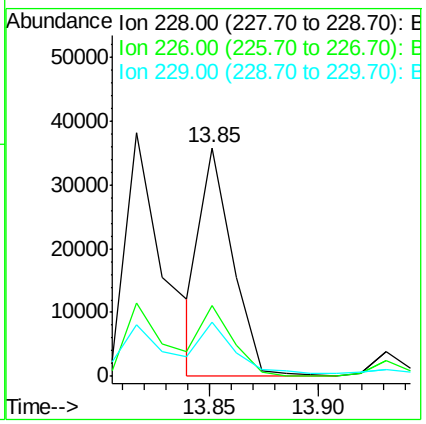


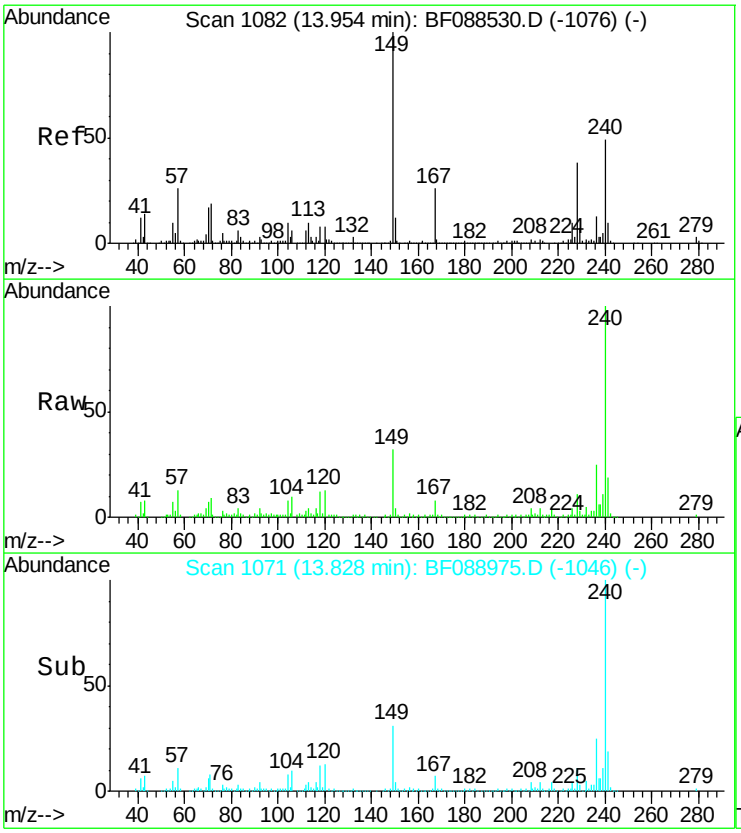
#82
Chrysene
Concen: 4.32 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:228 Resp: 36423

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.2
229	23.5	16.3	24.5

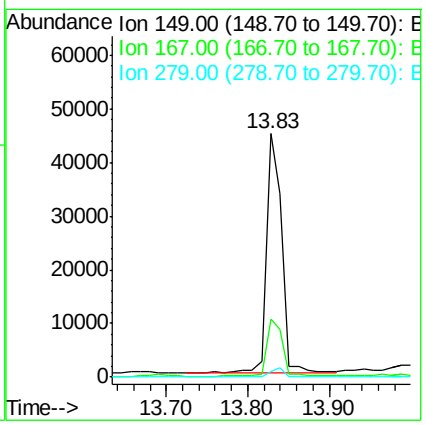


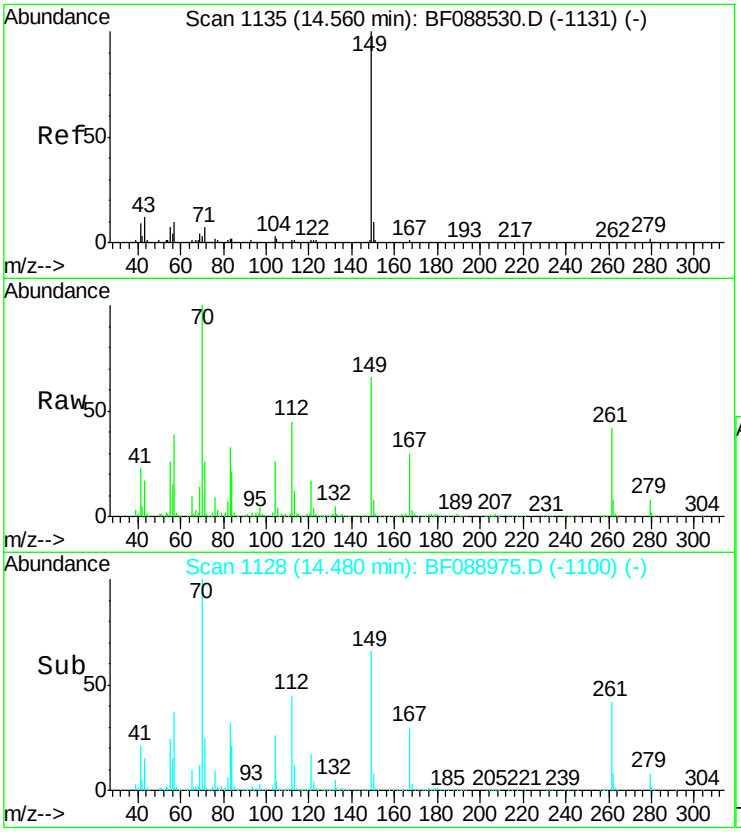


#83
Bis(2-ethylhexyl)phthalate
Concen: 10.27 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:149 Resp: 58734

Ion	Ratio	Lower	Upper
149	100		
167	23.9	20.5	30.7
279	2.2	2.0	3.0



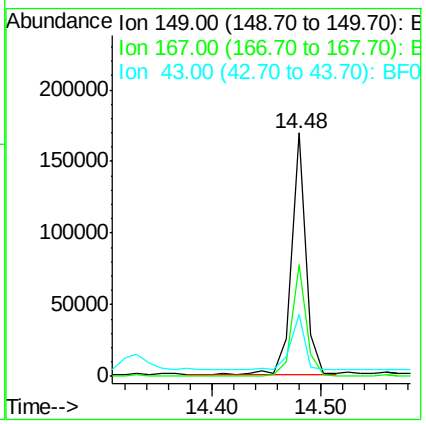


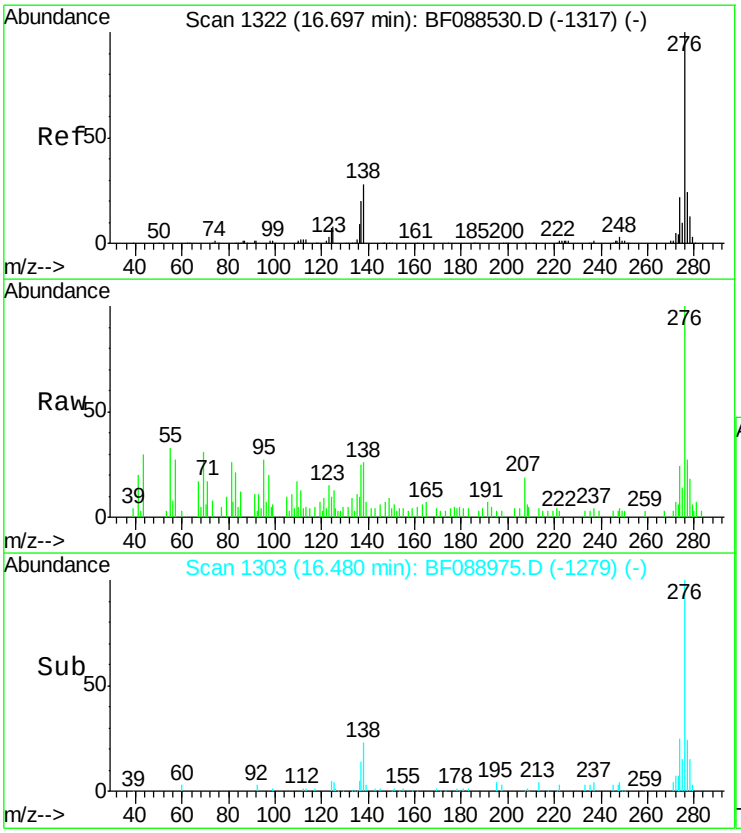
#84
Di-n-octyl phthalate
Concen: 16.11 ng
RT: 14.48 min Scan# 1128
Delta R.T. 0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:149 Resp: 156468

Ion	Ratio	Lower	Upper
149	100		
167	45.4	0.0	0.0#
43	23.6	0.0	0.0#

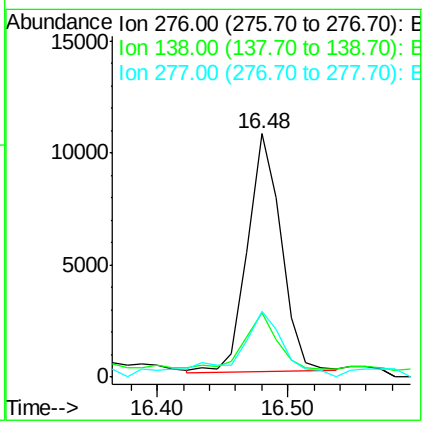


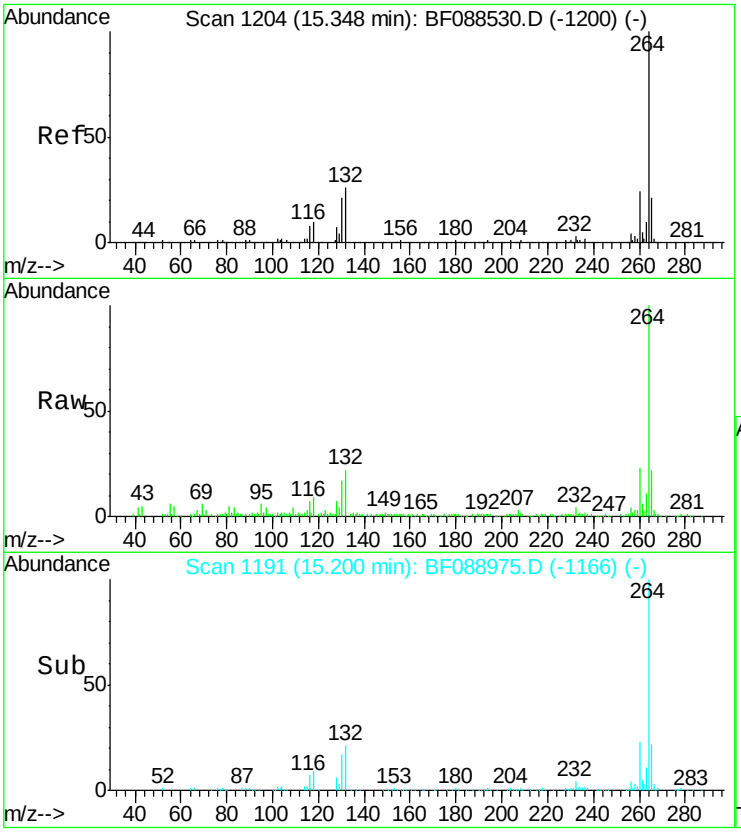


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.94 ng
RT: 16.48 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:276 Resp: 19048

Ion	Ratio	Lower	Upper
276	100		
138	22.9	0.0	0.0#
277	40.1	0.0	0.0#



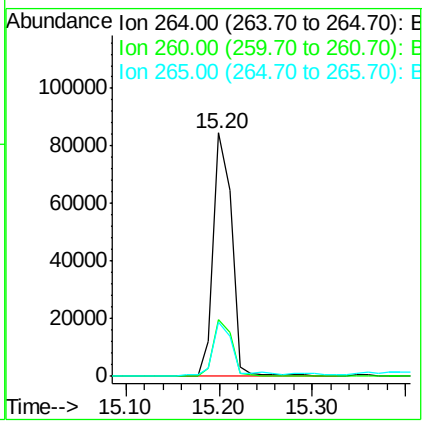


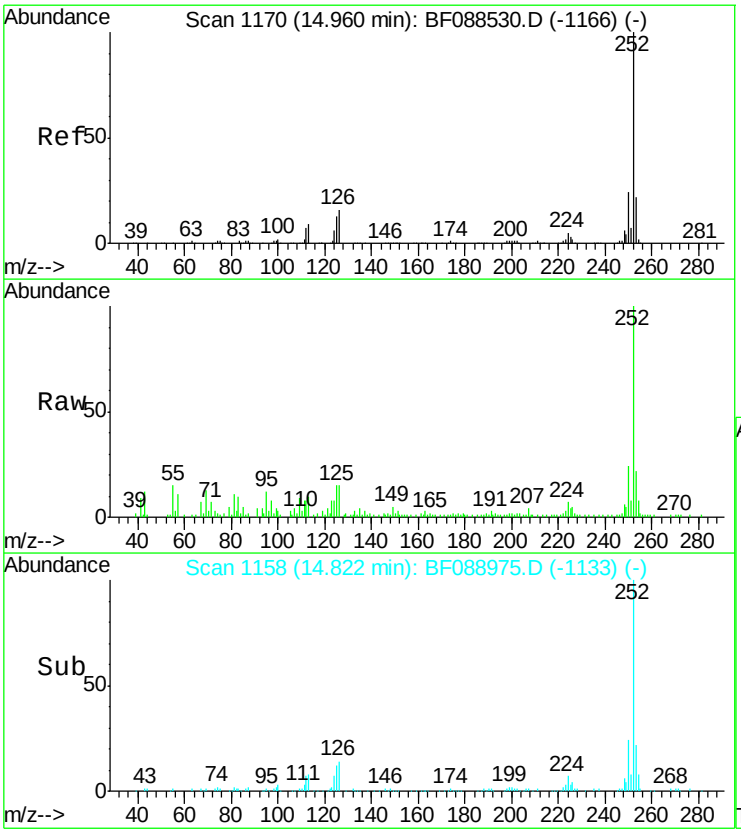
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:264 Resp: 115772

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	16.9	25.3

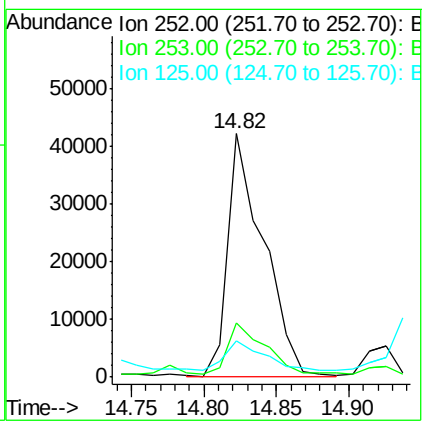


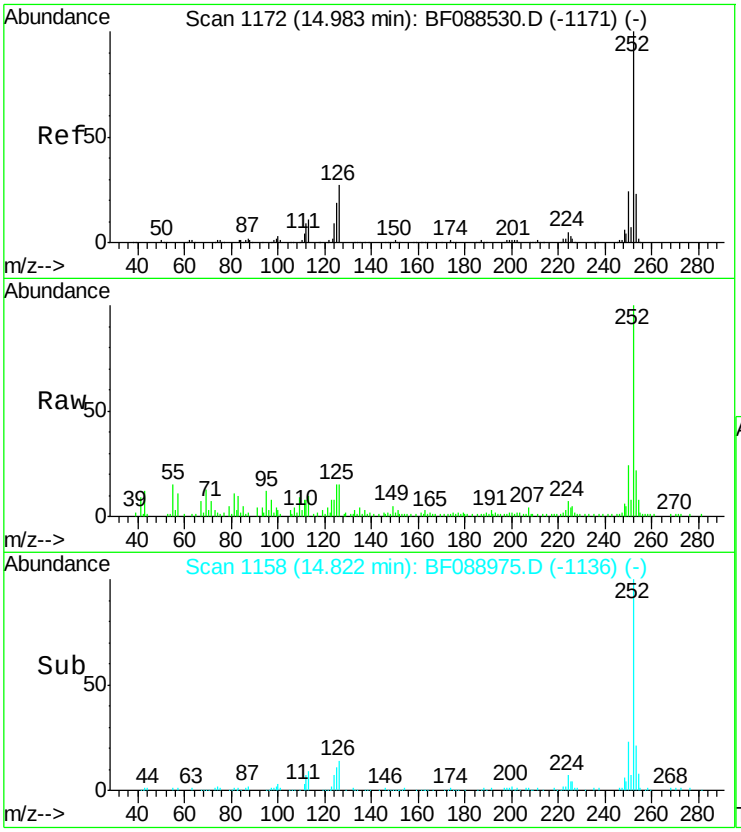


#87
Benzo(b)fluoranthene
Concen: 10.04 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:252 Resp: 72928

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	14.7	7.1	10.7#



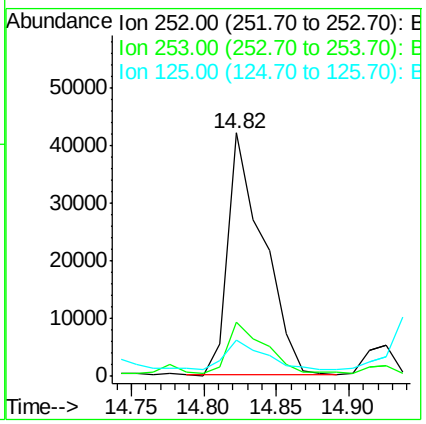


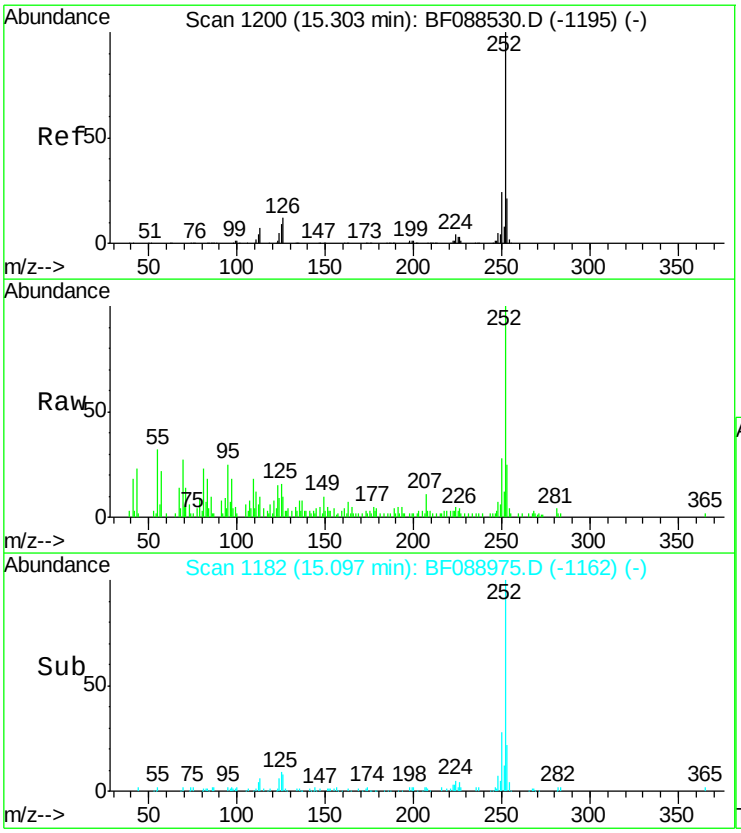
#88
Benzo(k)fluoranthene
Concen: 11.17 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.05 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:252 Resp: 70589

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	14.7	11.2	16.8

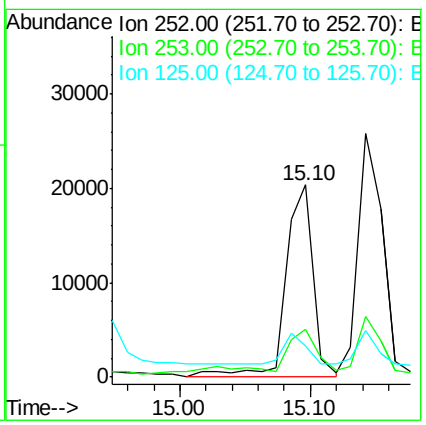


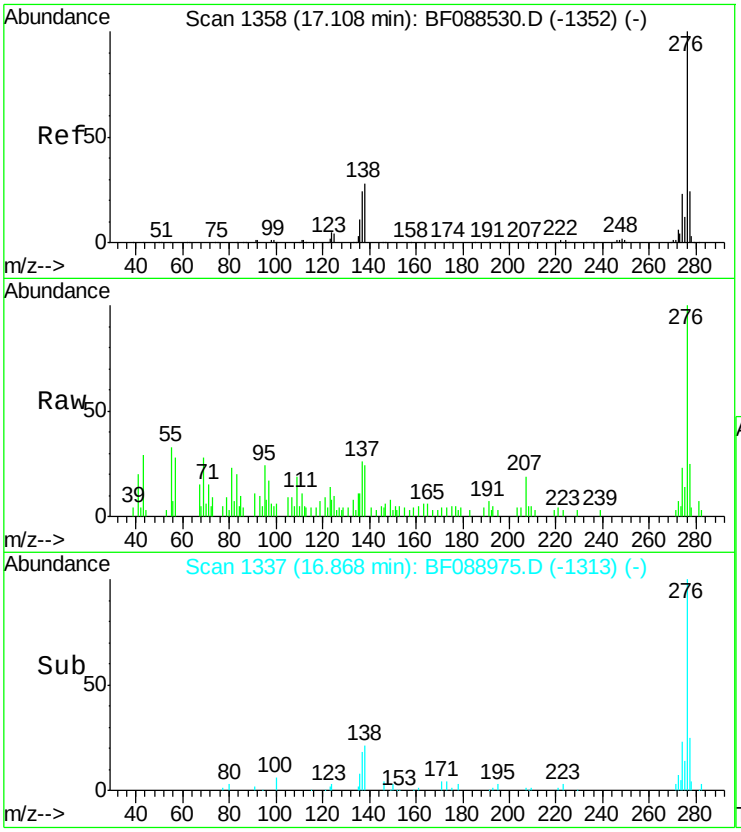


#89
Benzo(a)pyrene
Concen: 4.84 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.07 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Tgt Ion:252 Resp: 29762

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	16.3	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 3.80 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF088975.D
Acq: 13 Jul 2016 23:36

Instrument :
BNA_F
ClientSampleId :
M8-B3(0-5)C

Tgt Ion:276 Resp: 20168

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	24.3	21.4	32.2