Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088905.D
Acq On : 11 Jul 2016 17:58
Operator : UM/SJ
Sample : H3915-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P7-B2-0-5-C

Quant Time: Jul 12 02:03:33 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	6.71	152	63154	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	268294	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	109096	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	186326	20.00	ng		0.00
75) Chrysene-d12	13.85	240	140621	20.00	ng		0.00
86) Perylene-d12	15.22	264	131157	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	371875	88.25	ng		0.01
7) Phenol-d6	6.35	99	478837	87.94	ng		0.00
23) Nitrobenzene-d5	7.28	82	358123	69.95	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	99869	98.58	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	525743	76.12	ng		0.00
78) Terphenyl-d14	12.81	244	428709	67.90	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	47393	12.96	ng	#	68
49) Dimethylphthalate	9.47	163	82926	10.67	ng		98
56) 2,4-Dinitrotoluene	9.75	165	13634	6.05	ng	#	36
66) 4-Bromophenyl-phenylether	10.52	248	6230	3.32	ng	#	1
70) Phenanthrene	11.24	178	87736	8.61	ng		97
74) Fluoranthene	12.42	202	223019	21.60	ng		97
77) Pyrene	12.65	202	305076	25.59	ng		99
80) Benzo(a)anthracene	13.84	228	204760	22.61	ng		100
82) Chrysene	13.87	228	199327	22.25	ng		99
85) Indeno(1,2,3-cd)pyrene	16.50	276	59849	8.68	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	212038	25.77	ng	#	96
88) Benzo(k)fluoranthene	14.85	252	211664	29.55	ng		98
89) Benzo(a)pyrene	15.11	252	91292	13.11	ng		99
90) Dibenzo(a,h)anthracene	16.51	278	18757	3.22	ng		98
91) Benzo(g,h,i)perylene	16.88	276	61278	10.18	ng		97

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

Quantitation Report (Not Reviewed)

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P7-B2-0-5-C

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QLast Update : Mon Jul 11 18:13:32 2016
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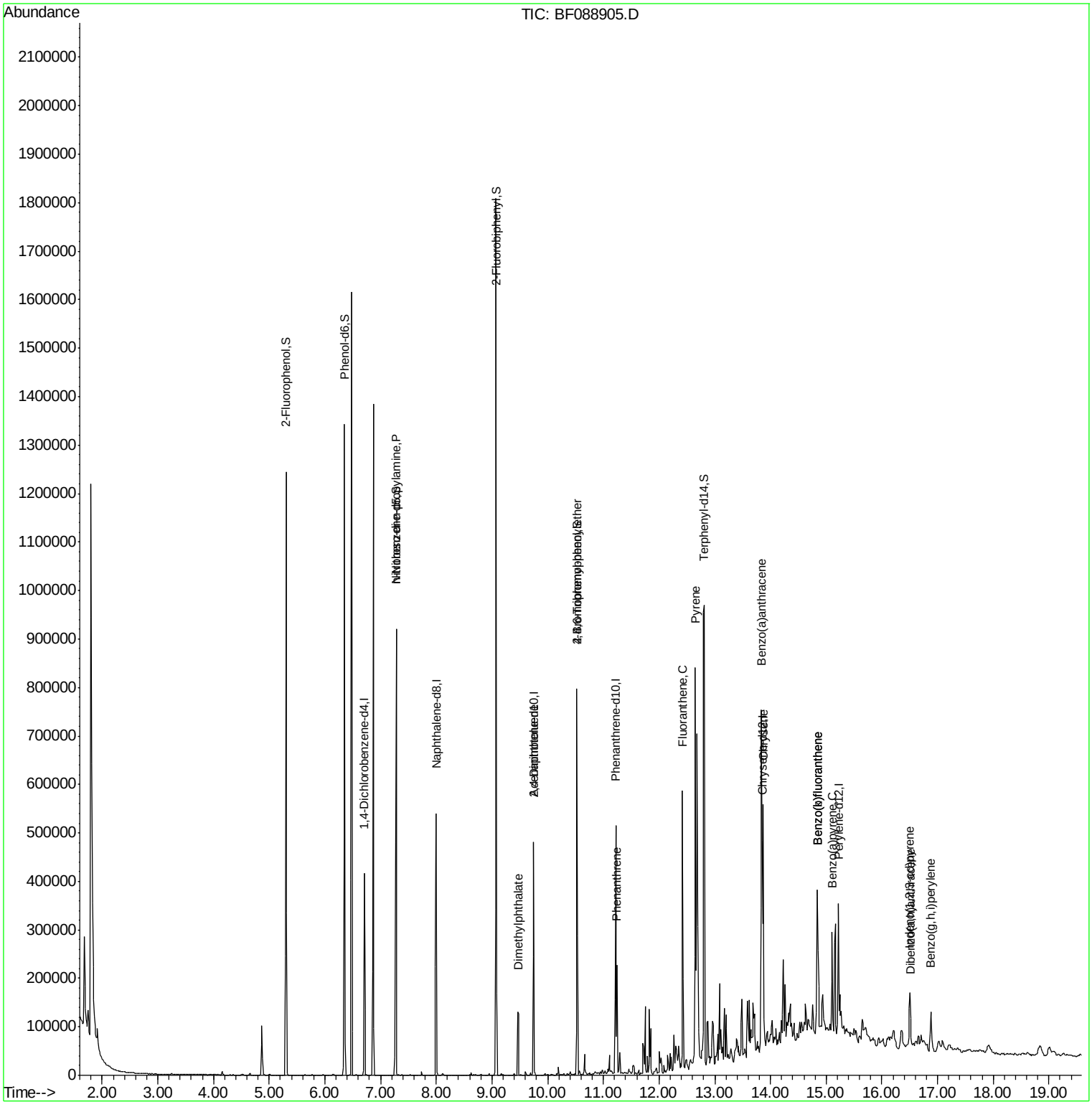
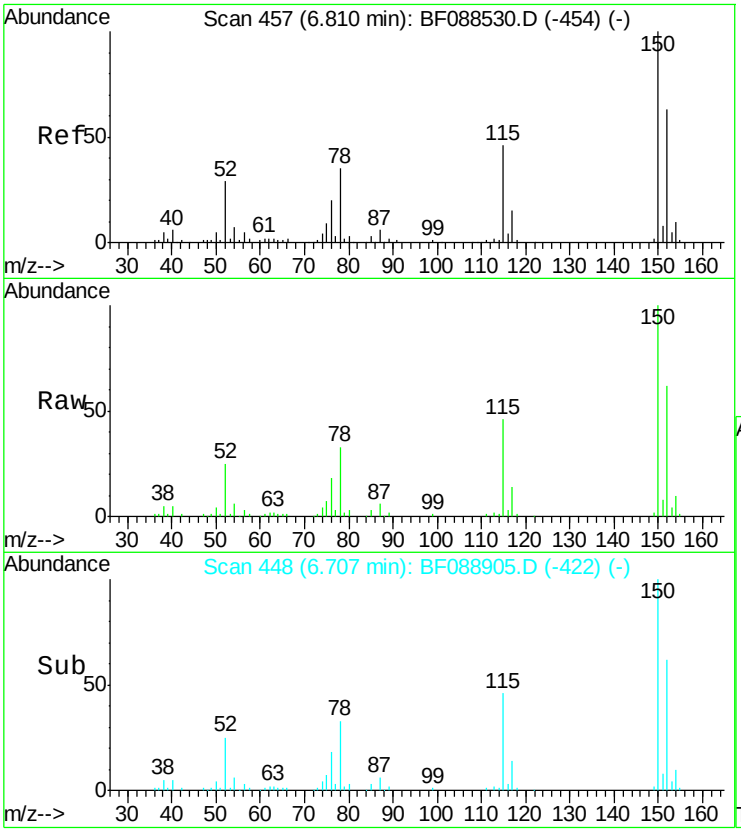


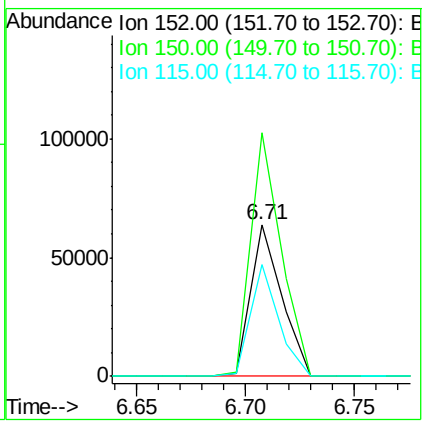


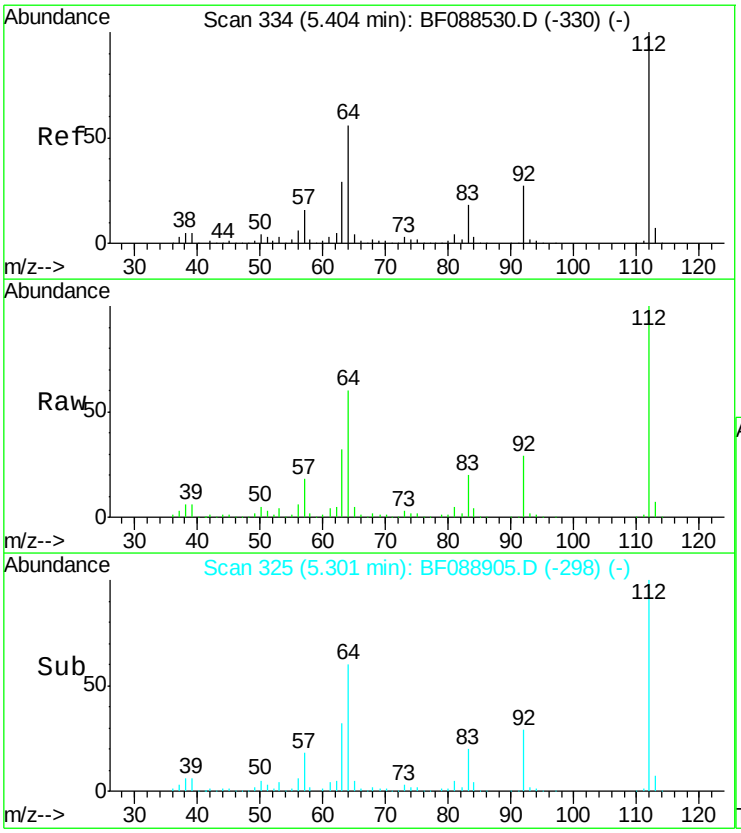
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:152 Resp: 63154

Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.8	185.6
115	73.8	39.6	59.4#

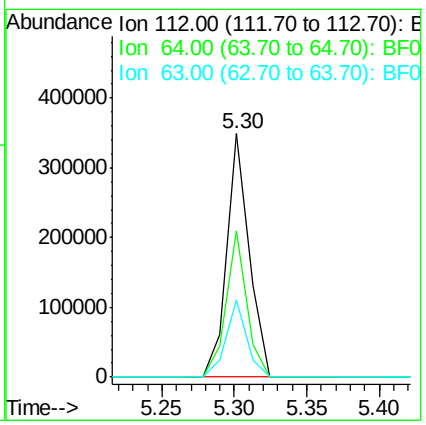


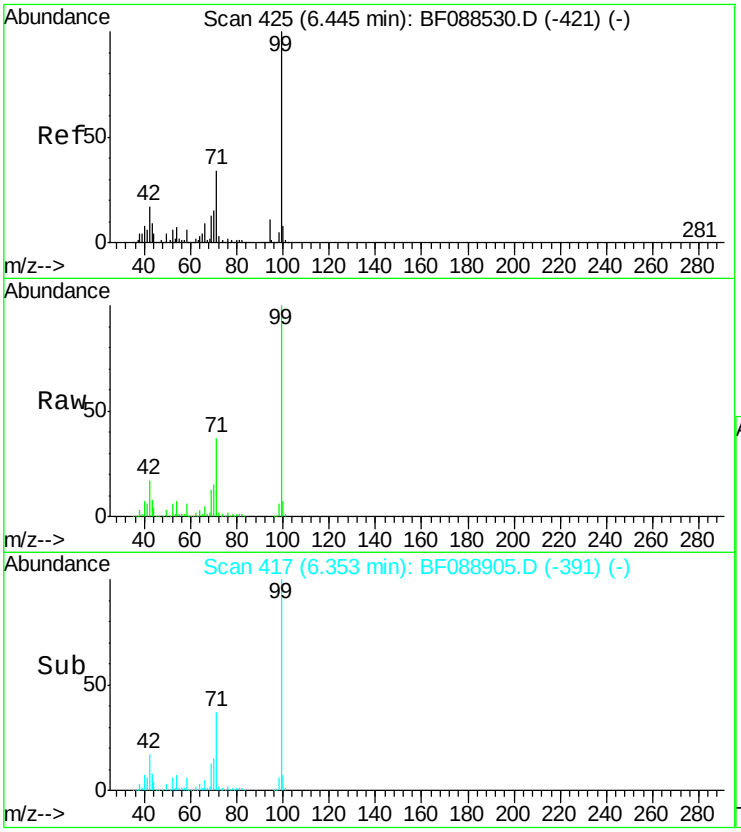


#5
2-Fluorophenol
Concen: 88.25 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:112 Resp: 371875

Ion	Ratio	Lower	Upper
112	100		
64	60.3	42.2	63.2
63	31.9	21.8	32.8



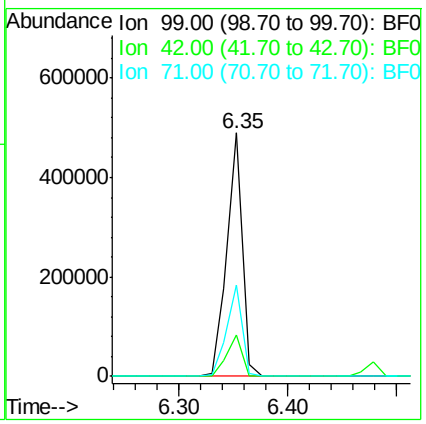


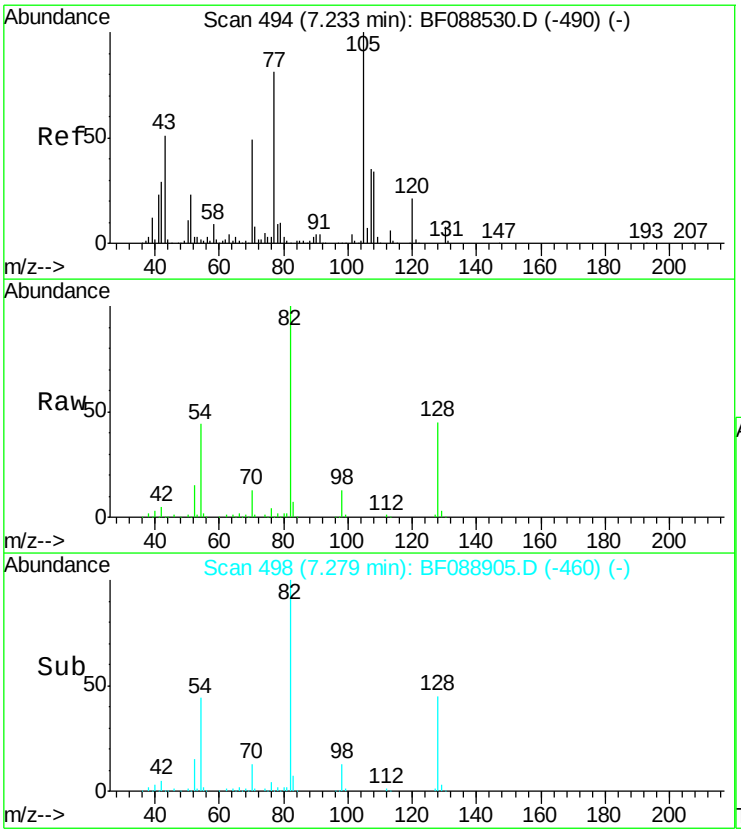
#7
Phenol-d6
Concen: 87.94 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion: 99 Resp: 478837

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.2	18.2
71	37.3	23.4	35.0#

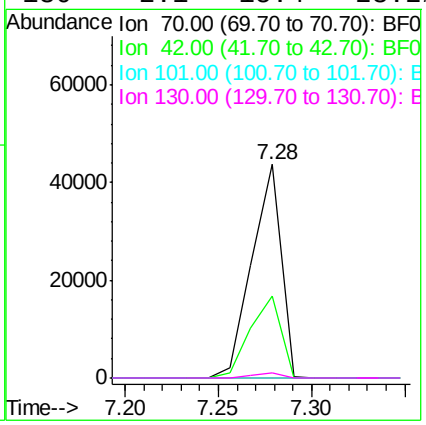


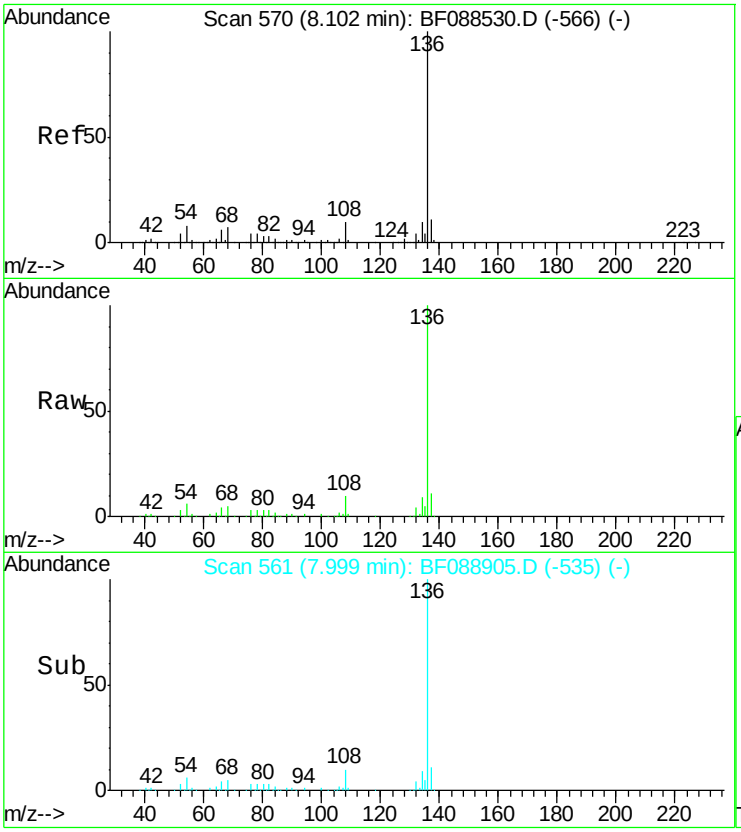


#19
n-Nitroso-di-n-propylamine
Concen: 12.96 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.14 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion: 70 Resp: 47393

Ion	Ratio	Lower	Upper
70	100		
42	38.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



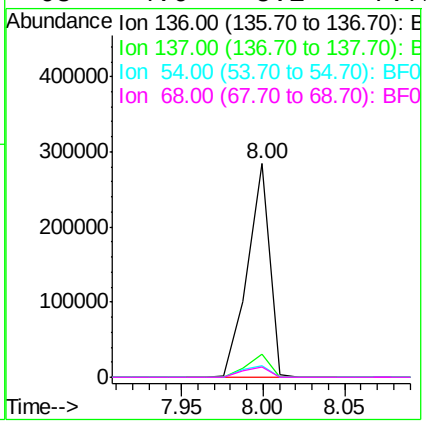


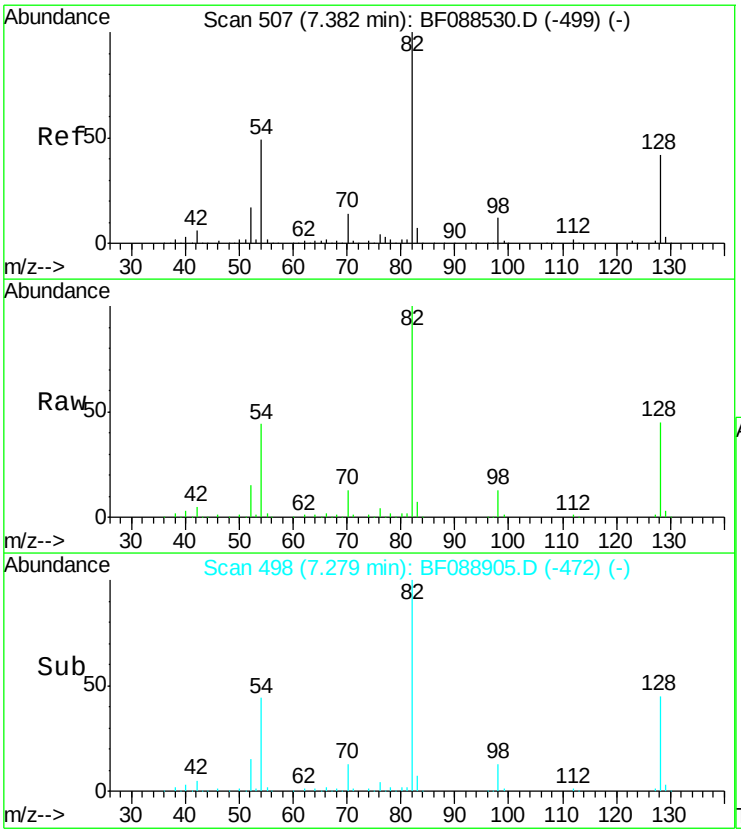
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:136 Resp: 268294

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.7	6.6	10.0#
68	4.6	5.1	7.7#

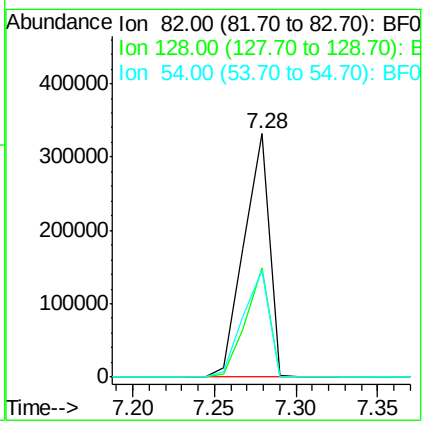


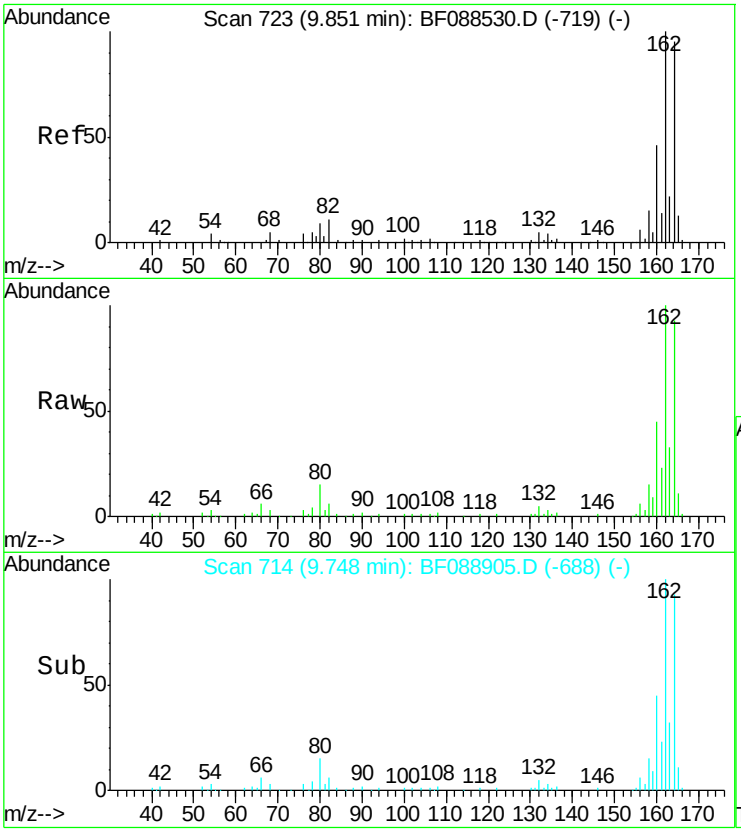


#23
Nitrobenzene-d5
Concen: 69.95 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion: 82 Resp: 358123

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.9	53.9
54	43.8	40.9	61.3



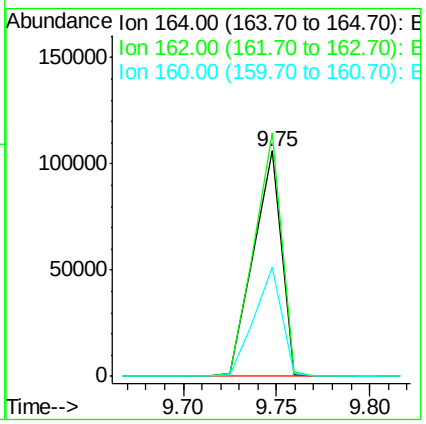


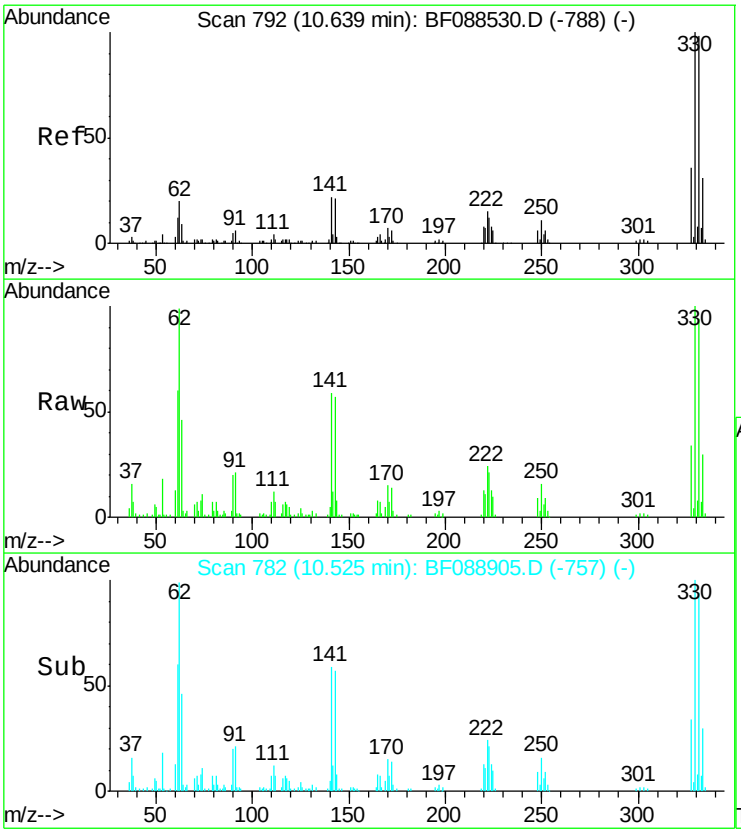
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:164 Resp: 109096

Ion	Ratio	Lower	Upper
164	100		
162	108.0	85.4	128.2
160	48.6	39.5	59.3

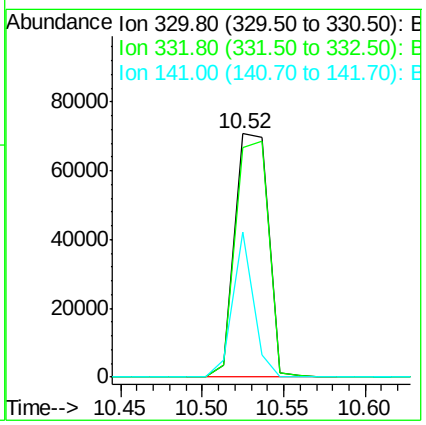


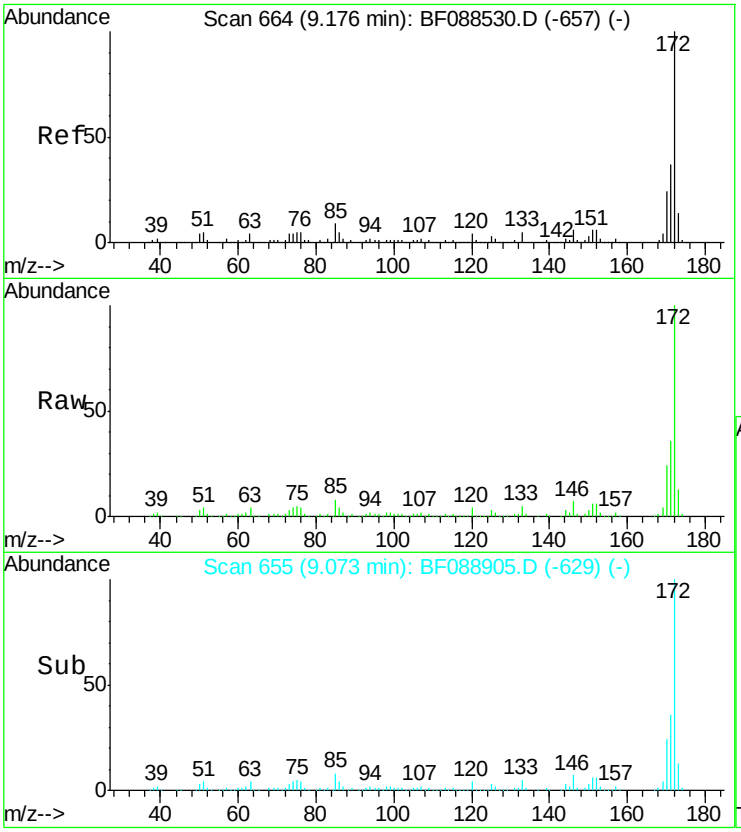


#41
2,4,6-Tribromophenol
Concen: 98.58 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:330 Resp: 99869

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	36.9	0.0	0.0#



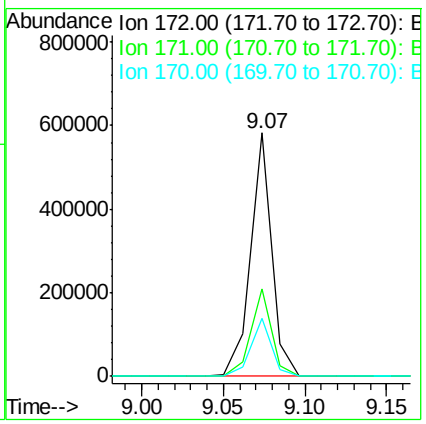


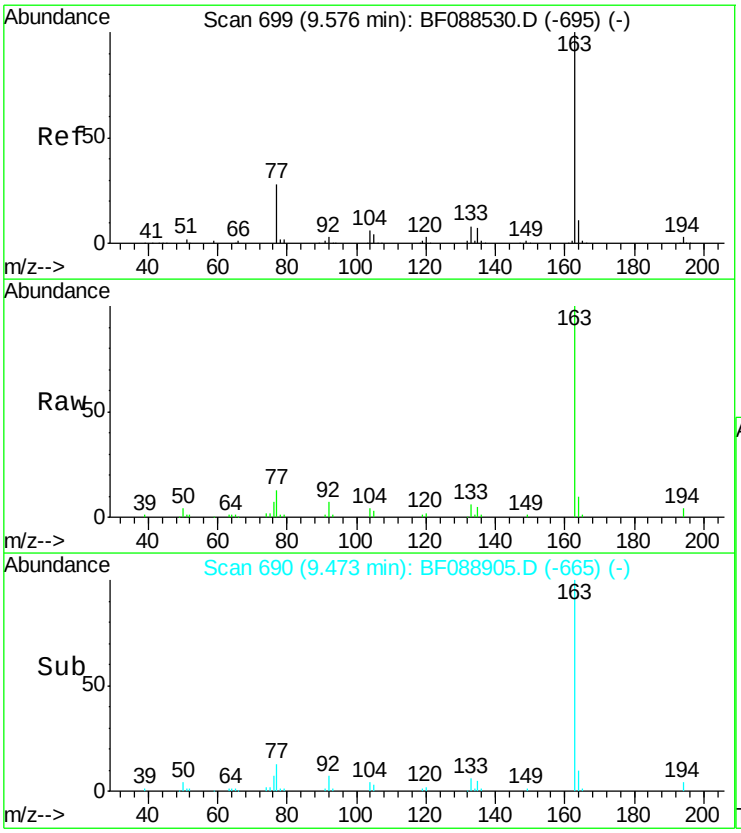
#44
2-Fluorobiphenyl
Concen: 76.12 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:172 Resp: 525743

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.2	28.8

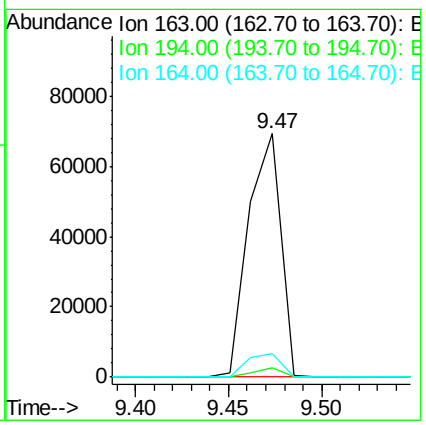


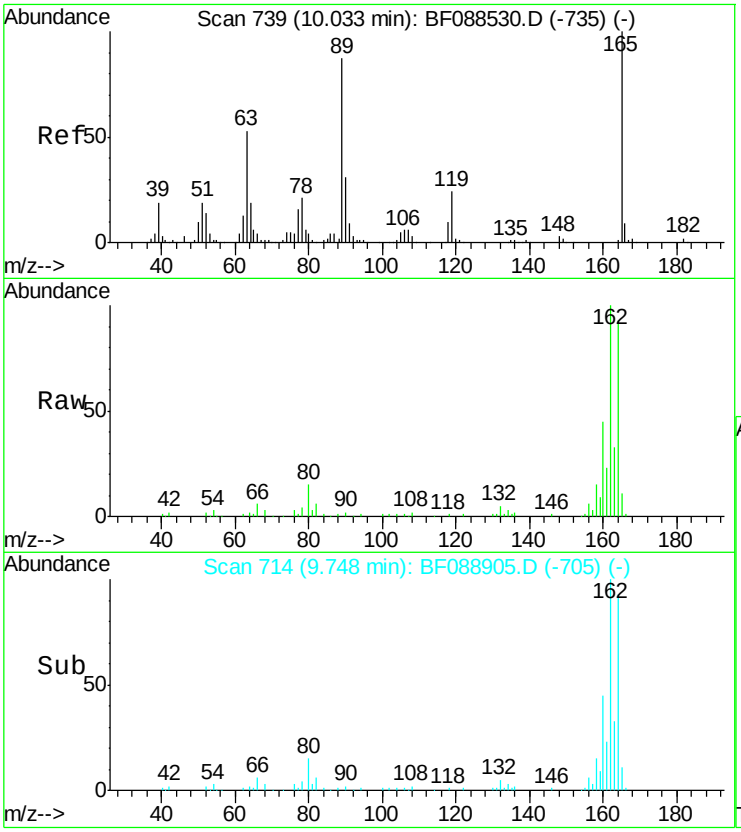


#49
Dimethylphthalate
Concen: 10.67 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:163 Resp: 82926

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.6	8.3	12.5



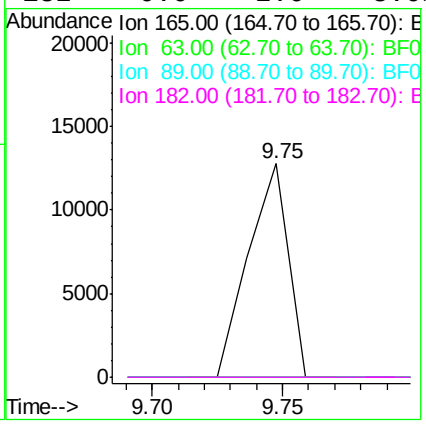


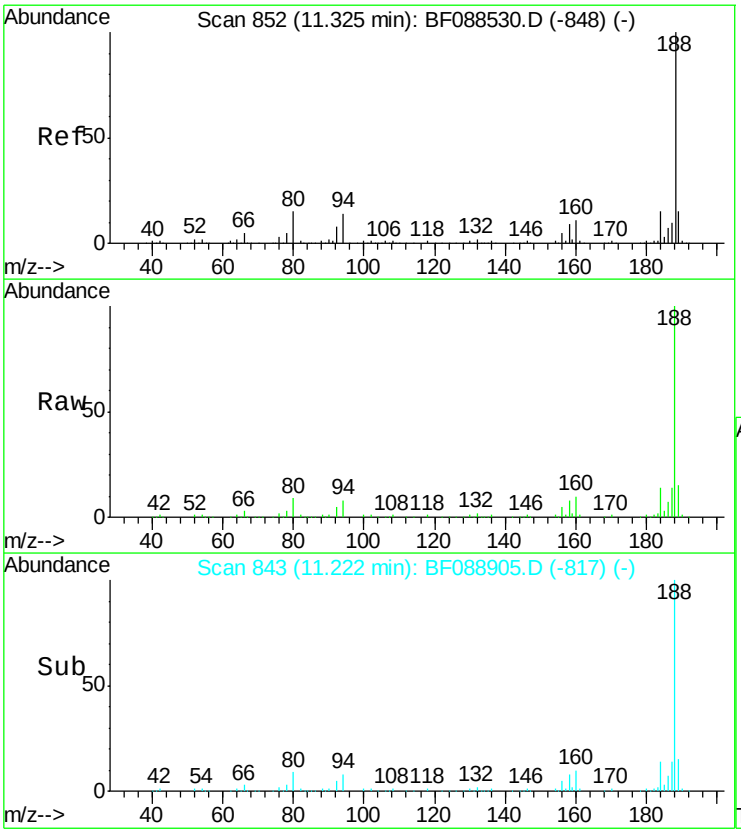
#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.19 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:165 Resp: 13634

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#

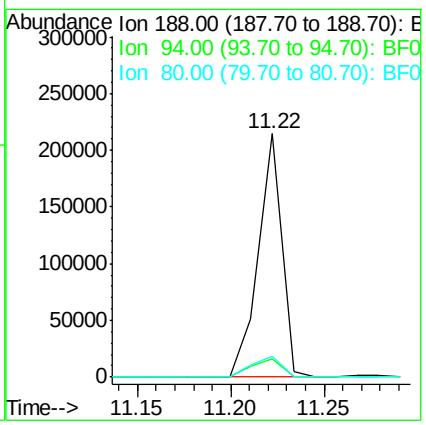


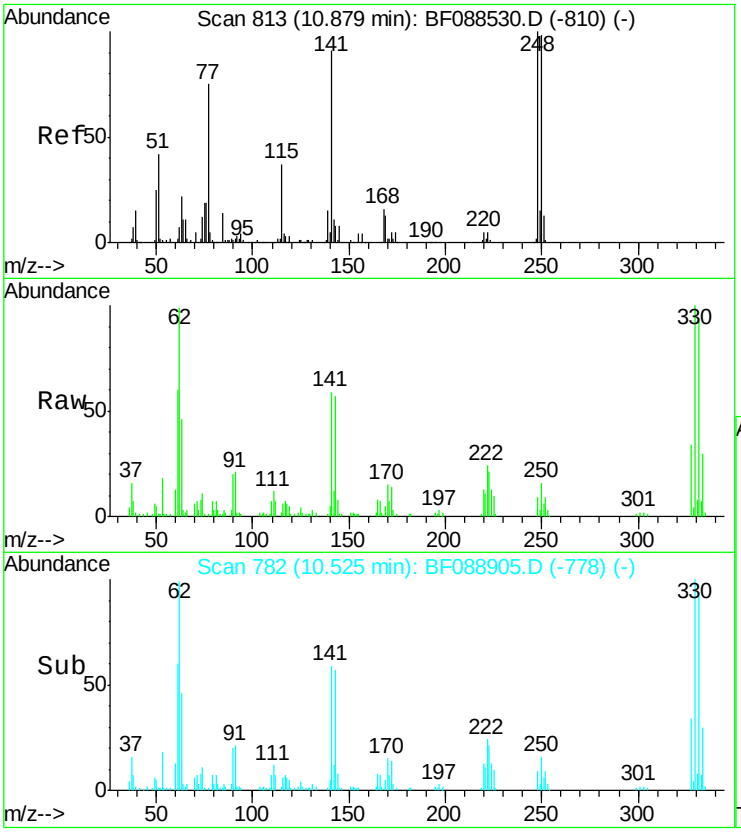


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:188 Resp: 186326

Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.6#
80	8.6	10.0	15.0#



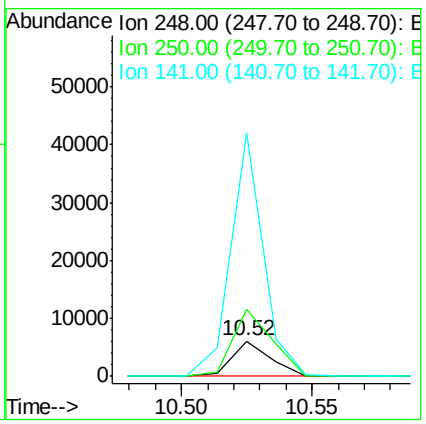


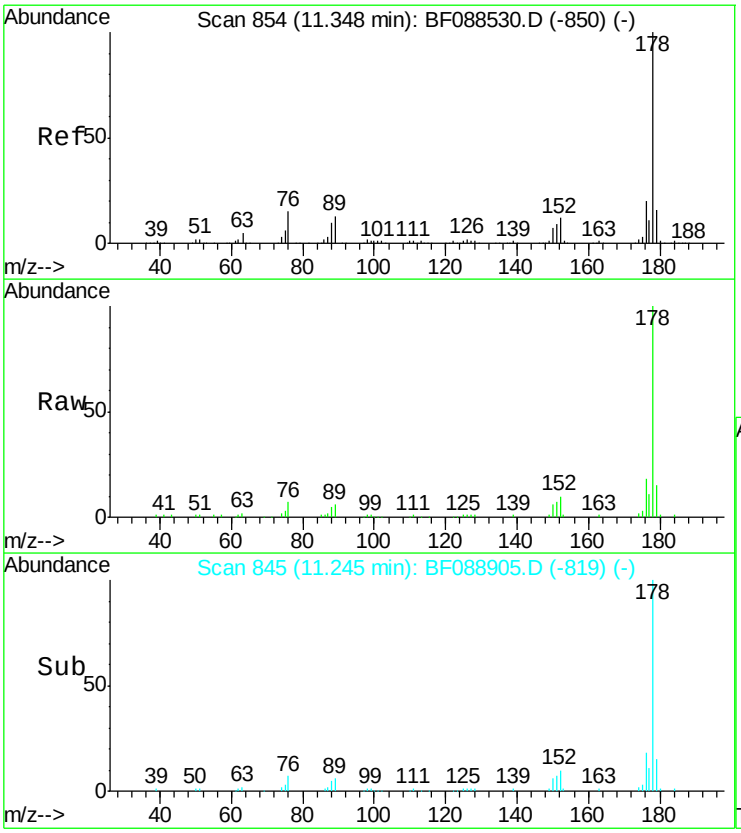
#66
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:248 Resp: 6230

Ion	Ratio	Lower	Upper
248	100		
250	190.4	77.1	115.7#
141	690.3	50.6	76.0#

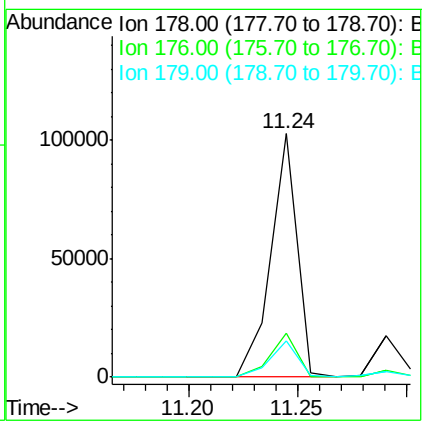


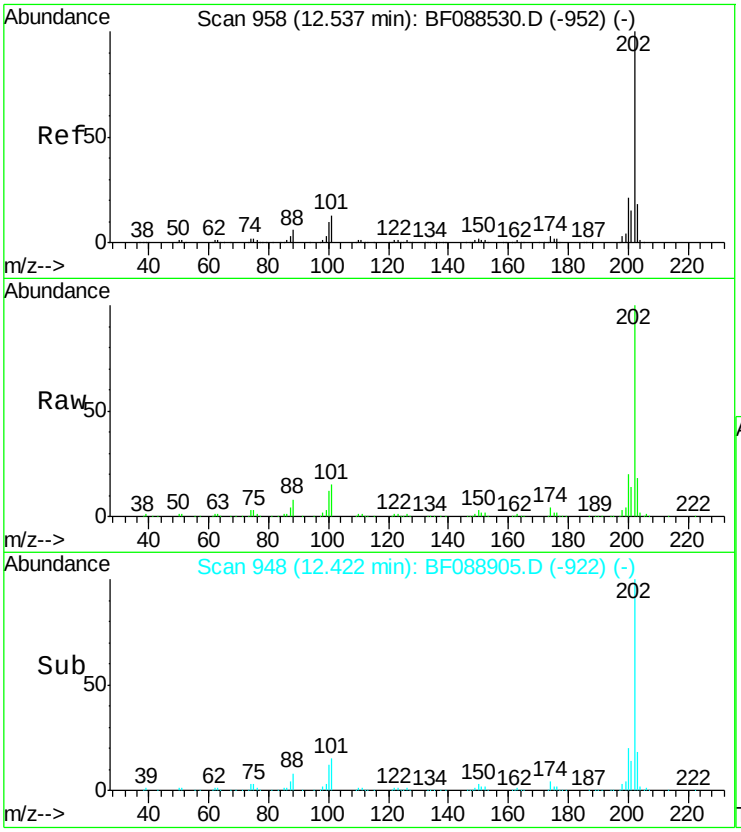


#70
Phenanthrene
Concen: 8.61 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:178 Resp: 87736

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.6
179	15.0	13.0	19.4



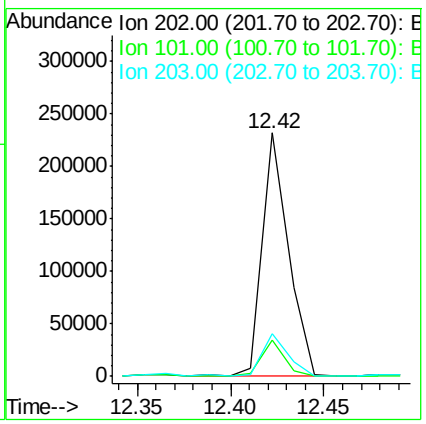


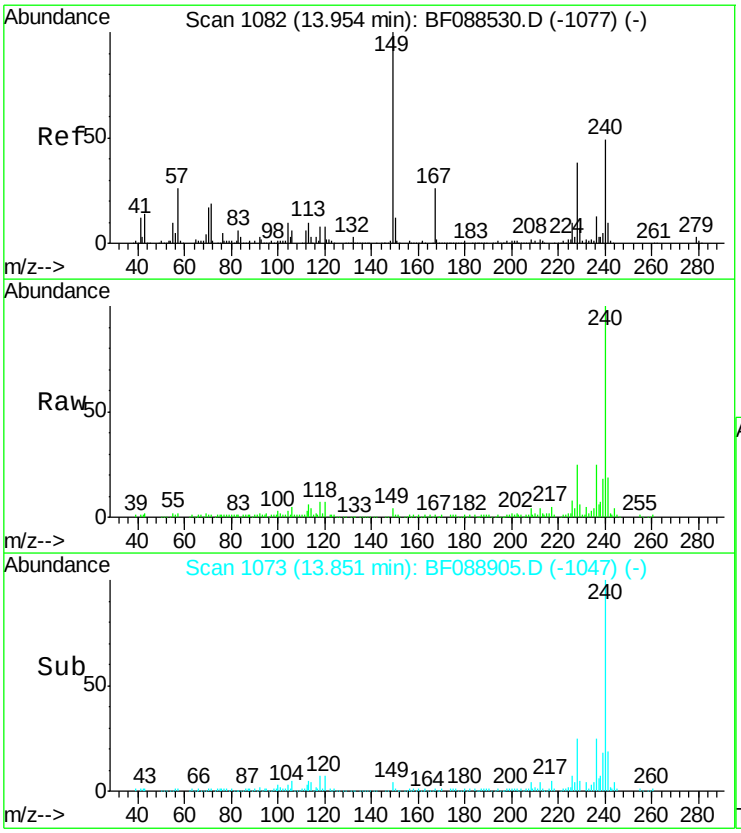
#74
Fluoranthene
Concen: 21.60 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:202 Resp: 223019

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	33.1
203	17.6	0.0	38.1

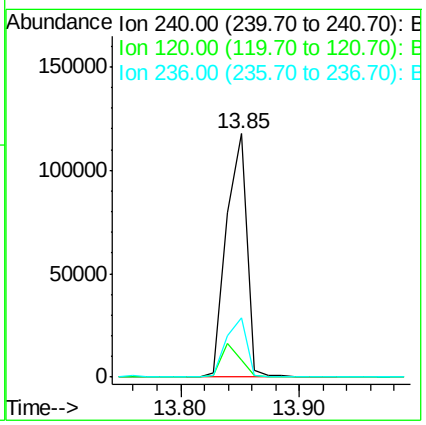


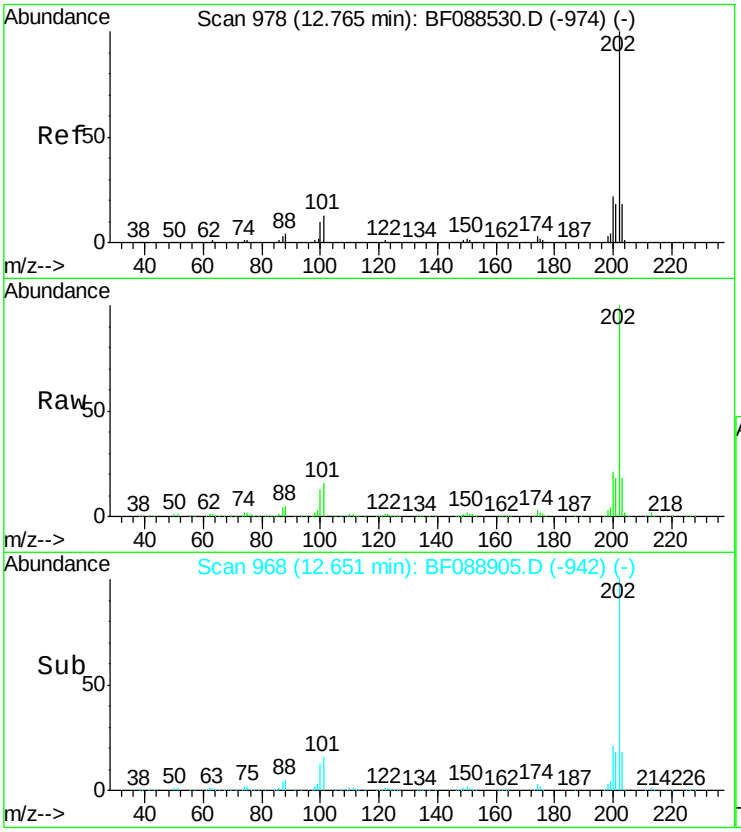


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:240 Resp: 140621

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.8	10.2
236	24.6	20.2	30.2



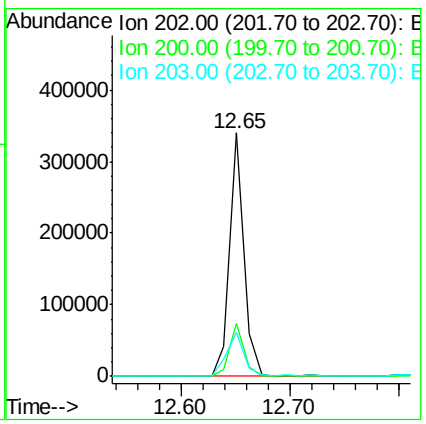


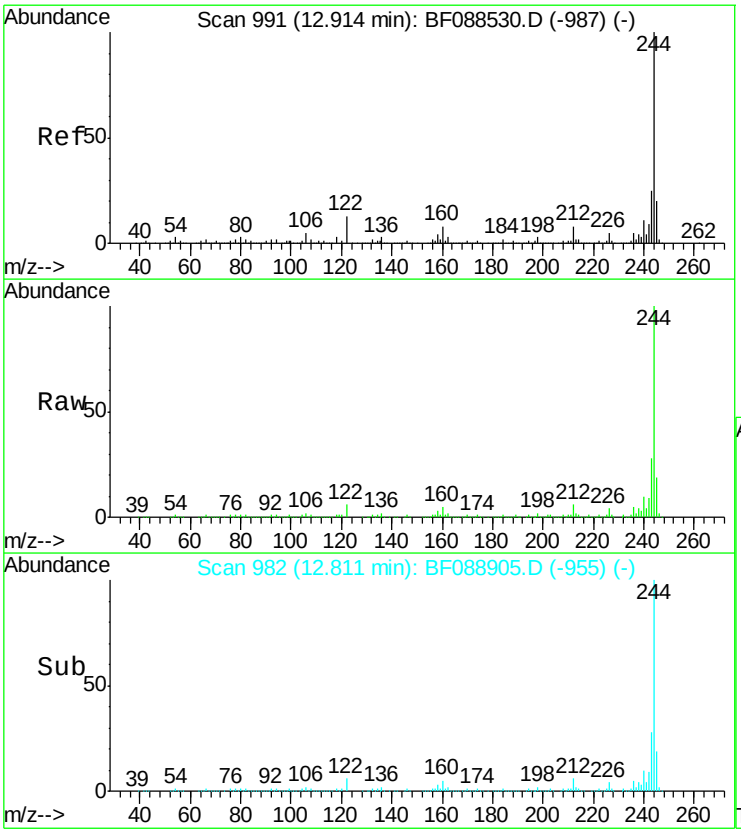
#77
Pyrene
Concen: 25.59 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:202 Resp: 305076

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.0	14.5	21.7

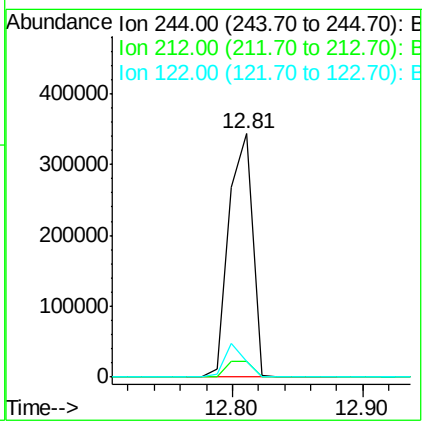


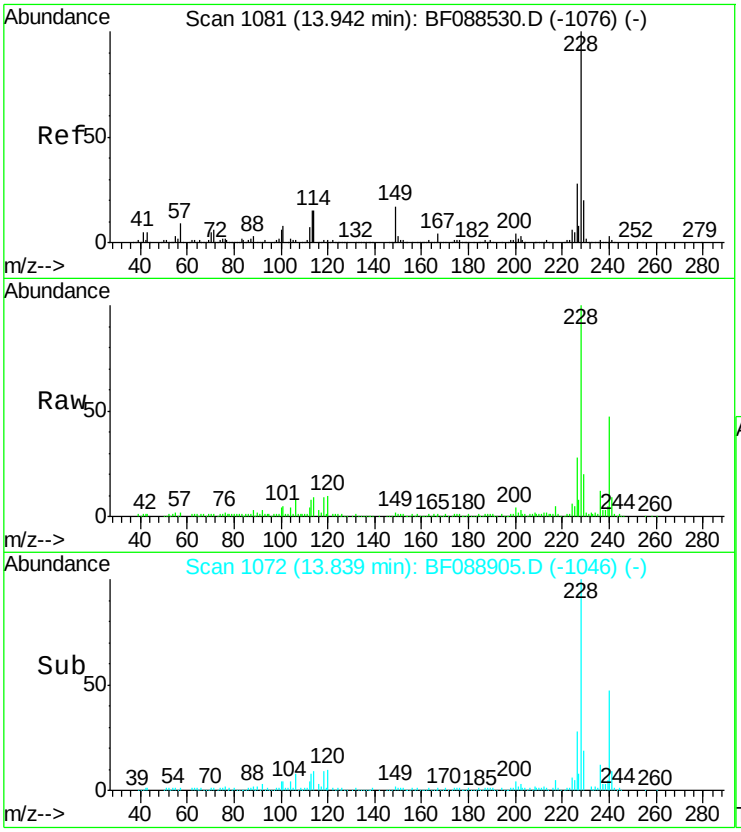


#78
Terphenyl-d14
Concen: 67.90 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:244 Resp: 428709

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	6.3	11.2	16.8#



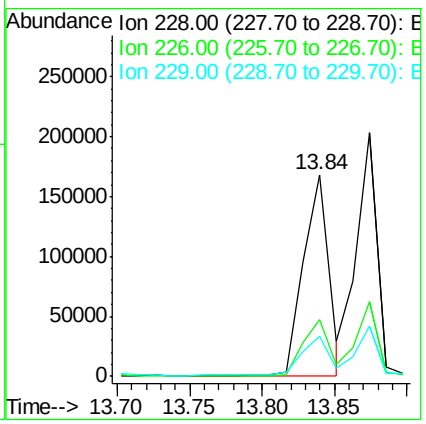


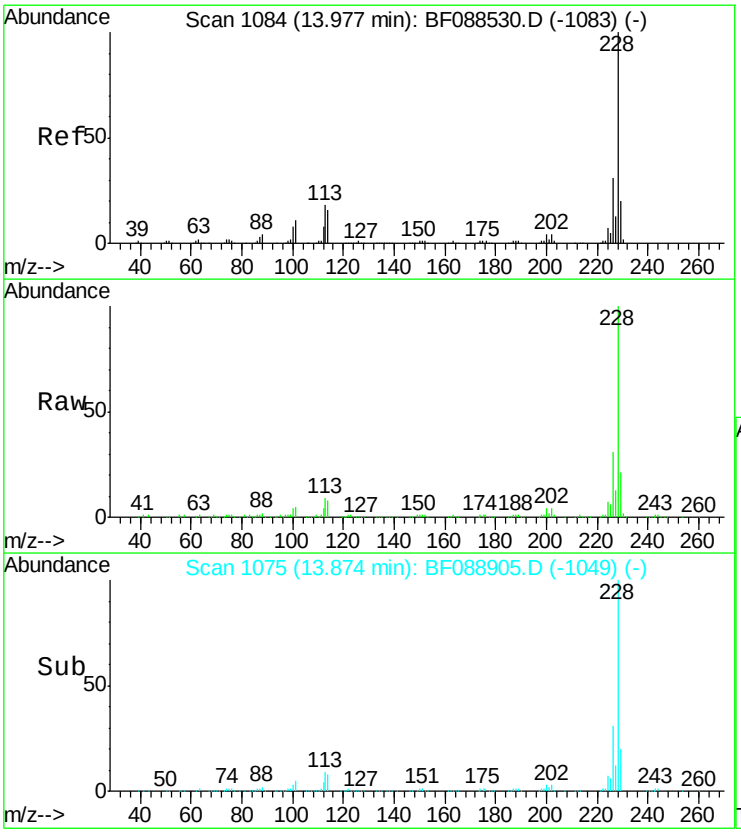
#80
Benzo(a)anthracene
Concen: 22.61 ng
RT: 13.84 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:228 Resp: 204760

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.7	16.0	24.0

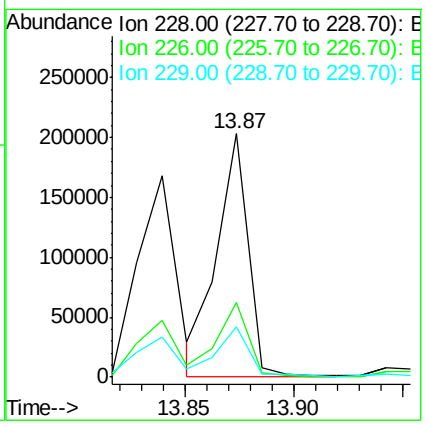


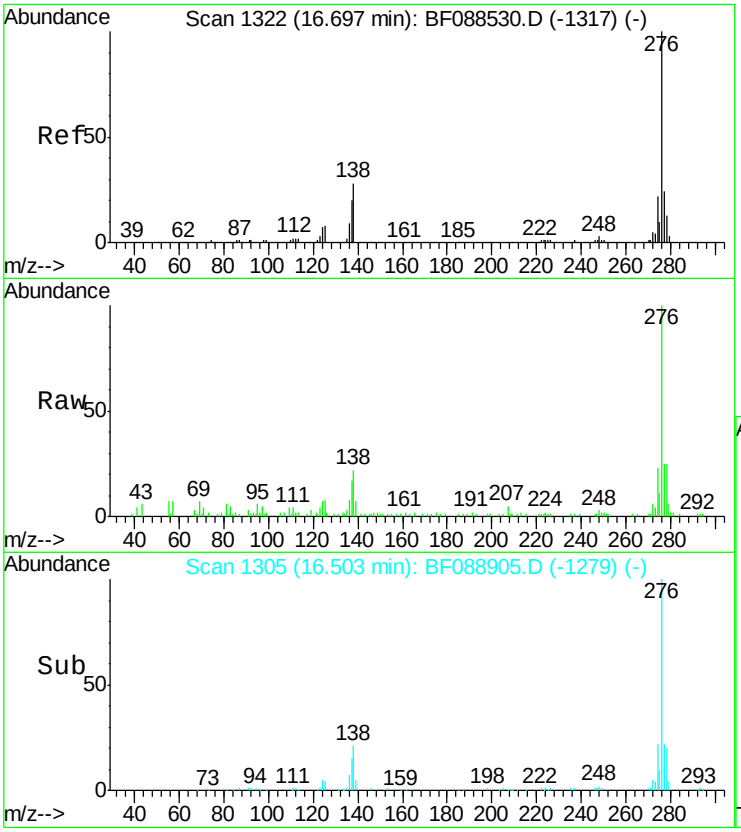


#82
Chrysene
Concen: 22.25 ng
RT: 13.87 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:228 Resp: 199327

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.2
229	20.5	16.3	24.5



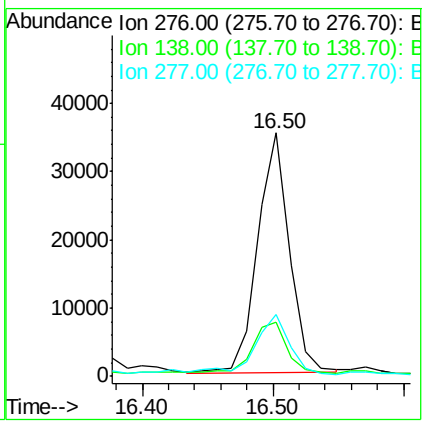


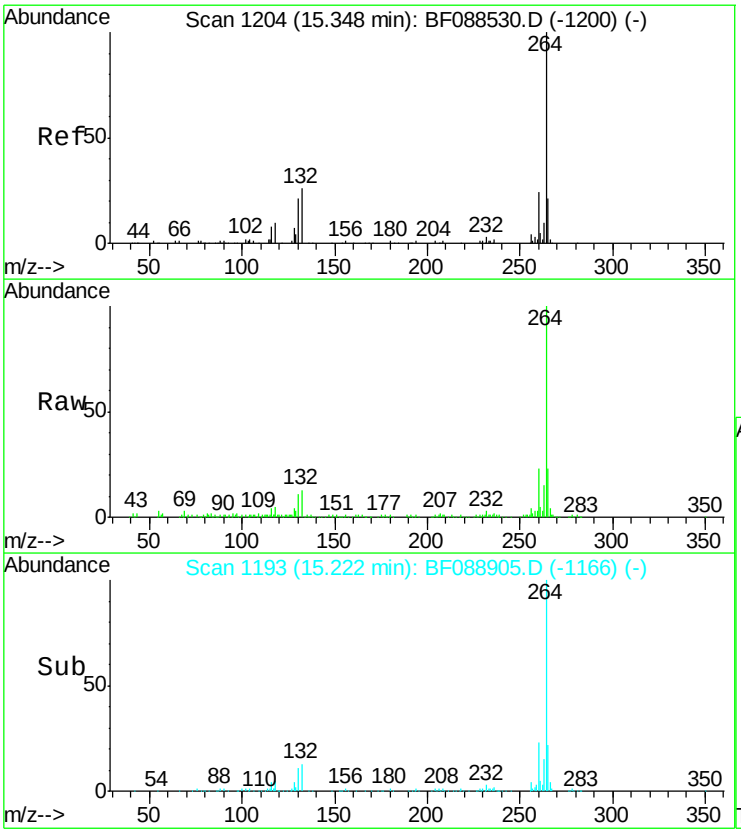
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.68 ng
RT: 16.50 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:276 Resp: 59849

Ion	Ratio	Lower	Upper
276	100		
138	26.0	0.0	0.0#
277	31.0	0.0	0.0#

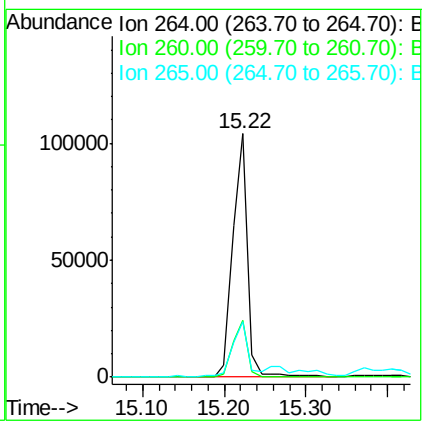


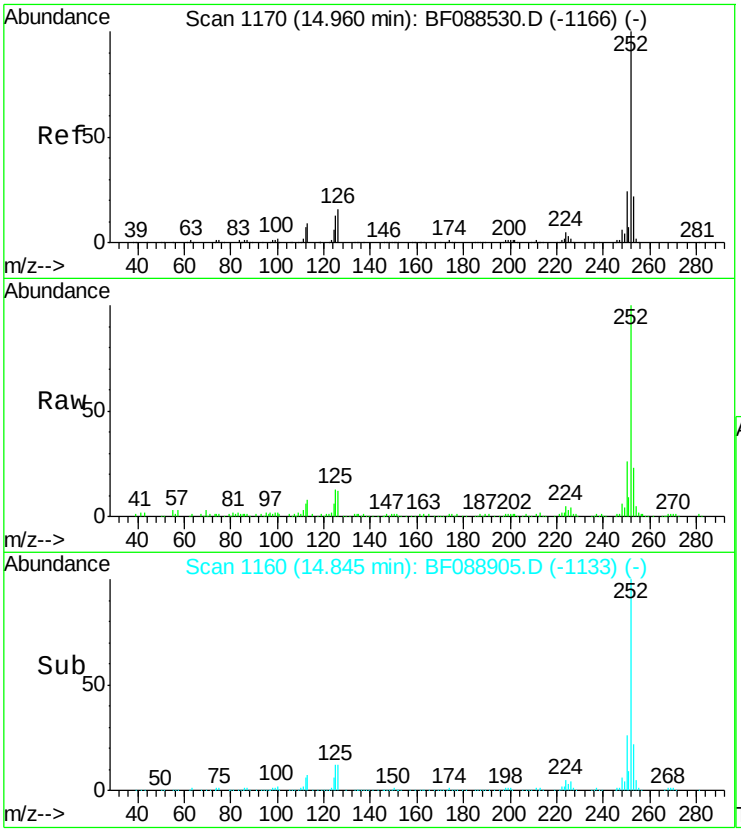


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:264 Resp: 131157

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.5	16.9	25.3



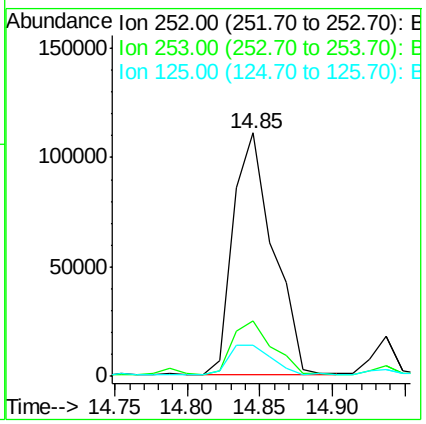


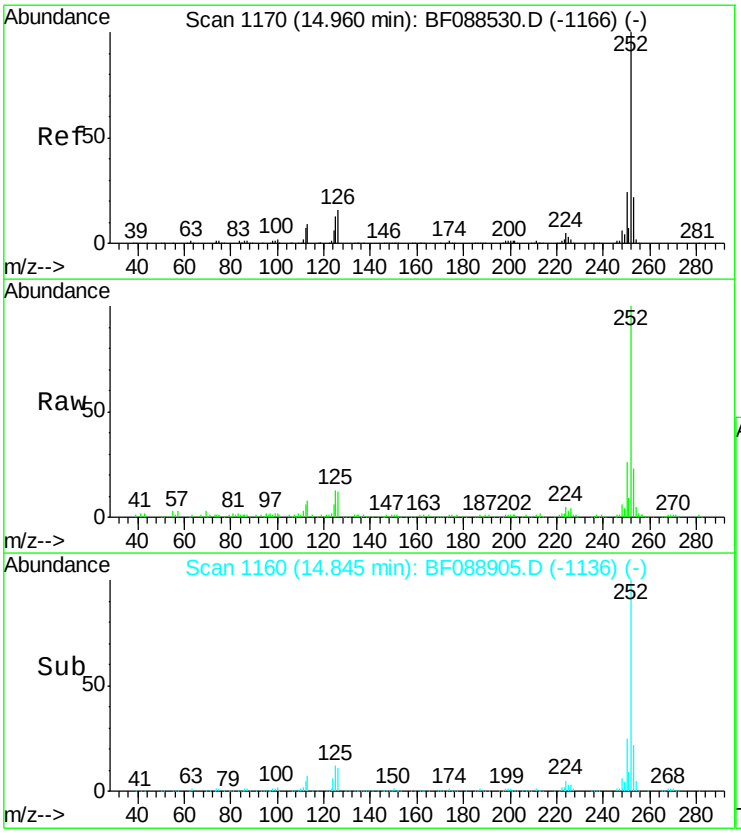
#87
Benzo(b)fluoranthene
Concen: 25.77 ng
RT: 14.85 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:252 Resp: 212038

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	12.5	7.1	10.7#

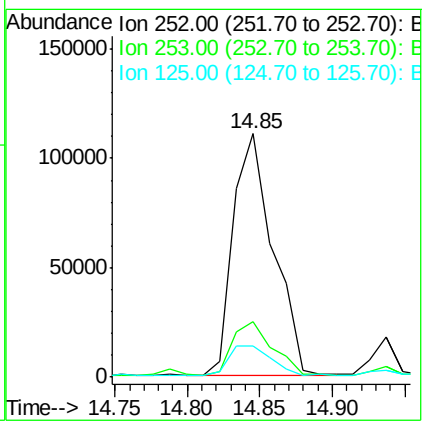


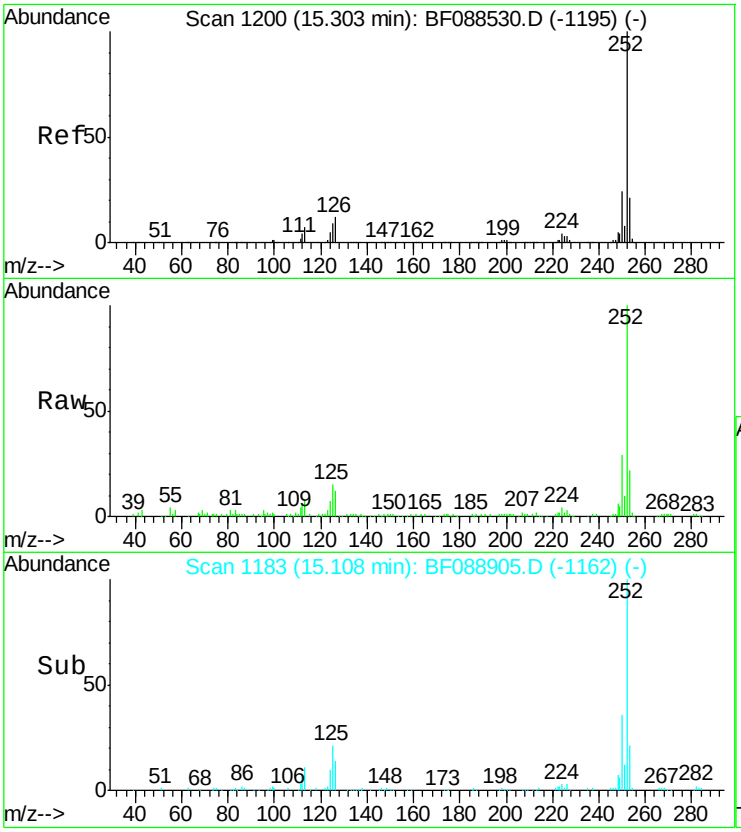


#88
Benzo(k)fluoranthene
Concen: 29.55 ng
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:252 Resp: 211664

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.5	11.2	16.8



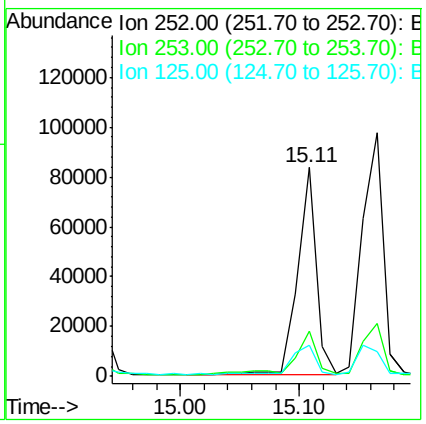


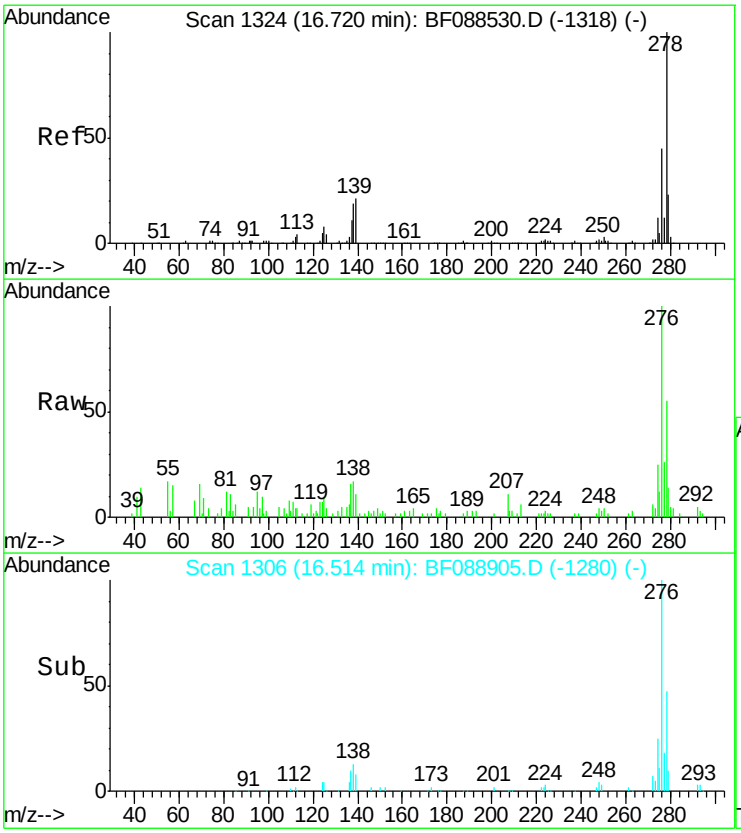
#89
Benzo(a)pyrene
Concen: 13.11 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.06 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:252 Resp: 91292

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	15.0	12.5	18.7

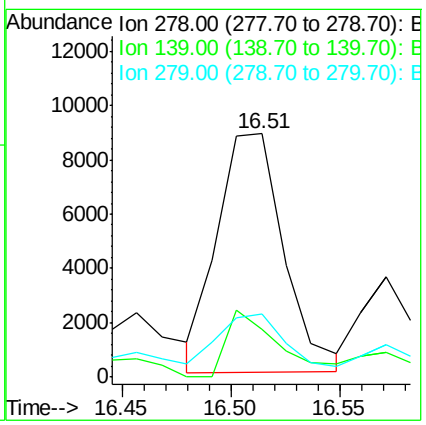


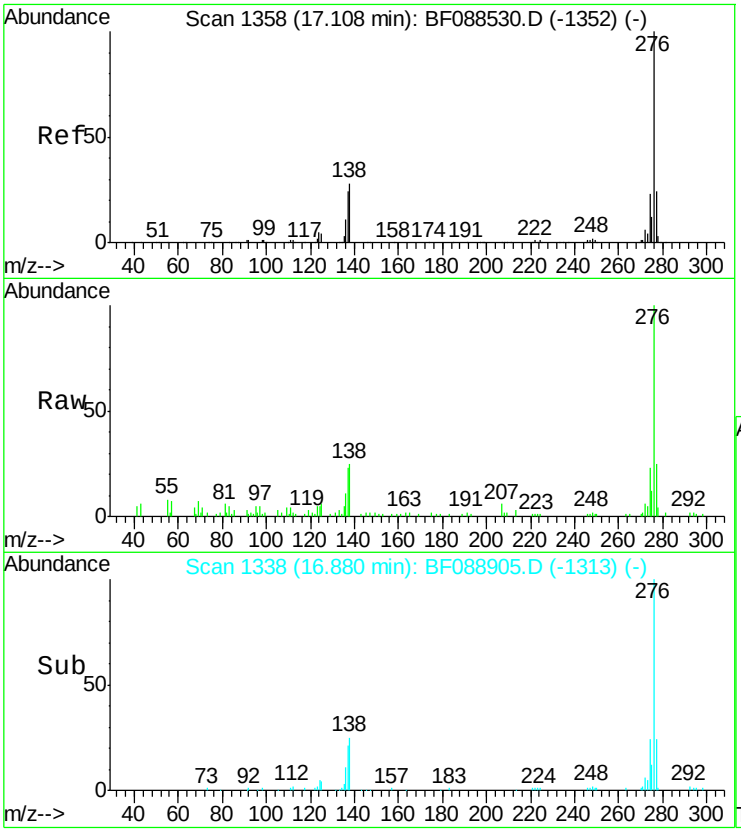


#90
Dibenzo(a,h)anthracene
Concen: 3.22 ng
RT: 16.51 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Tgt Ion:278 Resp: 18757

Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.7	23.5
279	25.9	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 10.18 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088905.D
Acq: 11 Jul 2016 17:58

Instrument :
BNA_F
ClientSampleId :
P7-B2-0-5-C

Tgt Ion:276 Resp: 61278

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	25.5	21.4	32.2