Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088971.D
Acq On : 13 Jul 2016 21:38
Operator : UM/SJ
Sample : H3981-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4.2-7

Quant Time: Jul 14 01:15:52 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	68201	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	243368	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	103649	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	166292	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	129483	20.00	ng		-0.02
86) Perylene-d12	15.20	264	117291	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	591190	129.91	ng		0.01
7) Phenol-d6	6.35	99	798232	135.75	ng		0.00
23) Nitrobenzene-d5	7.27	82	522180	112.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	130626	135.72	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	726841	110.77	ng		-0.01
78) Terphenyl-d14	12.79	244	376482	64.76	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.84	79	8832	2.04	ng	#	45
19) n-Nitroso-di-n-propylamine	7.27	70	71524	18.11	ng	#	68
25) Isophorone	7.27	82	469138	54.54	ng	#	65
37) 2-Methylnaphthalene	8.70	142	16349	2.12	ng	#	96
49) Dimethylphthalate	9.45	163	154006	20.86	ng		99
55) 4-Nitrophenol	9.93	139	3562	2.25	ng	#	13
66) 4-Bromophenyl-phenylether	10.51	248	8463	5.05	ng	#	1
70) Phenanthrene	11.22	178	45180	4.97	ng		98
74) Fluoranthene	12.41	202	38543	4.18	ng		95
77) Pyrene	12.63	202	37853	3.45	ng		96
80) Benzo(a)anthracene	13.82	228	20481	2.46	ng	#	81
82) Chrysene	13.85	228	29219	3.54	ng	#	95
87) Benzo(b)fluoranthene	14.82	252	35847	4.87	ng	#	91
88) Benzo(k)fluoranthene	14.82	252	35847	5.60	ng		96
89) Benzo(a)pyrene	15.14	252	17839	2.86	ng		94
91) Benzo(g,h,i)perylene	16.87	276	16591	3.08	ng		95

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

Quantitation Report (Not Reviewed)

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Misc :
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C4.2-7

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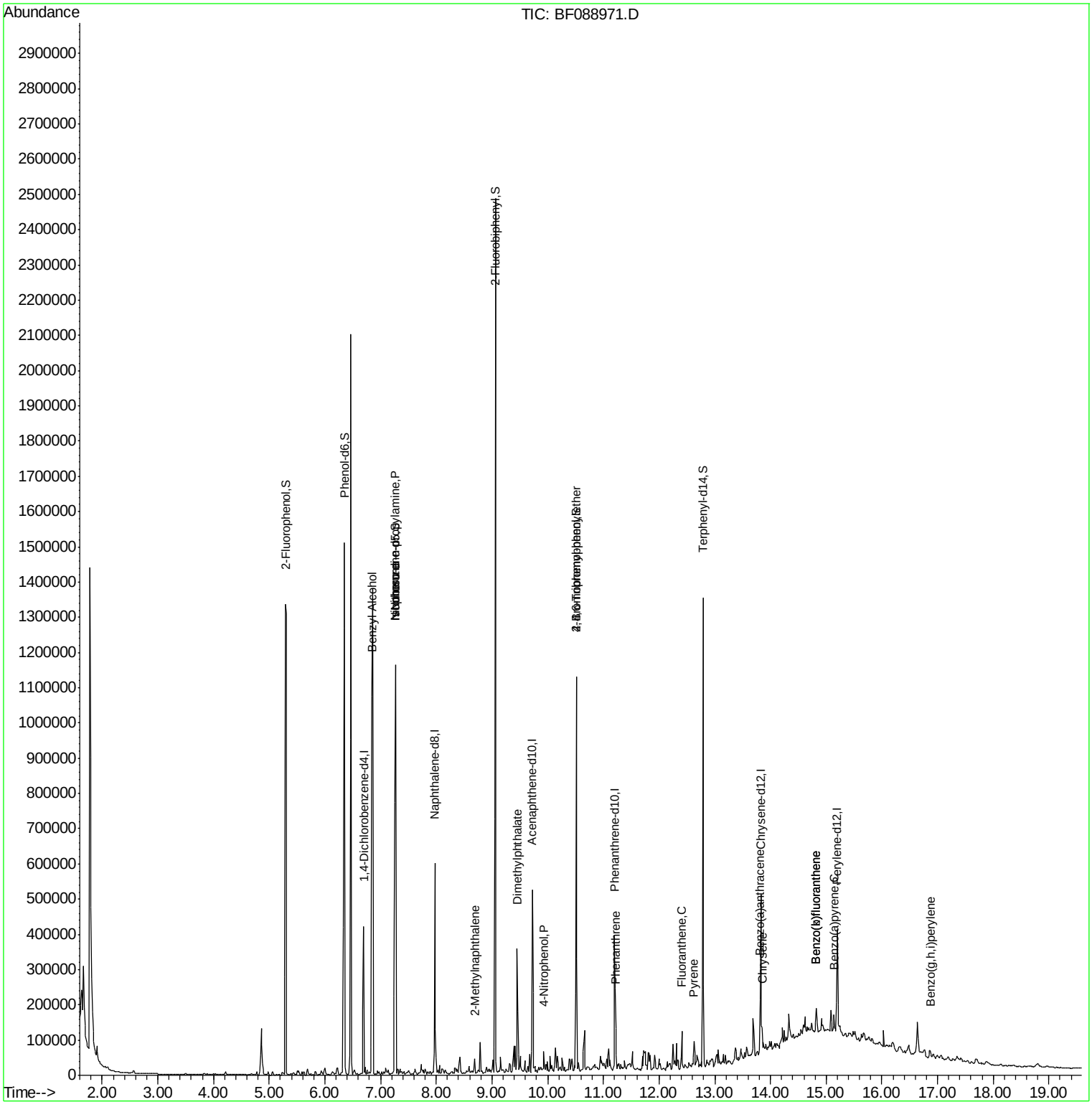
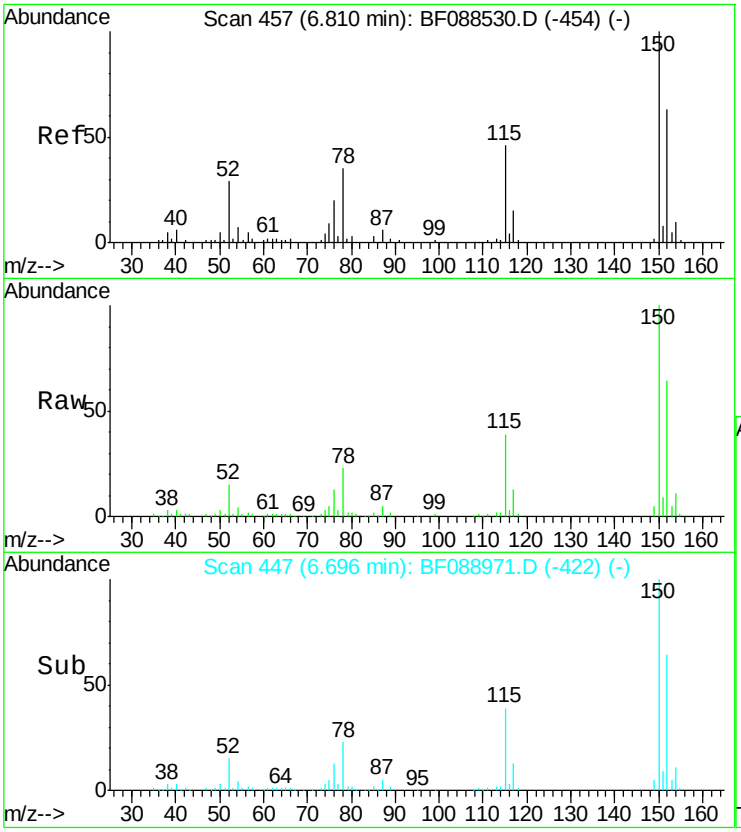


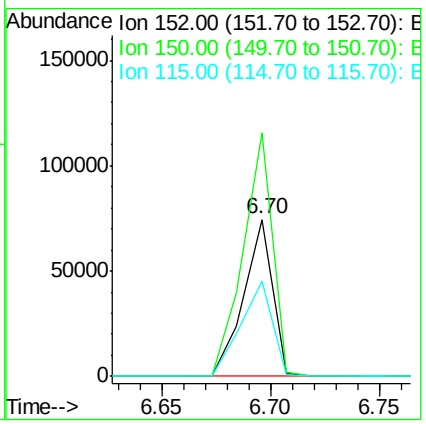


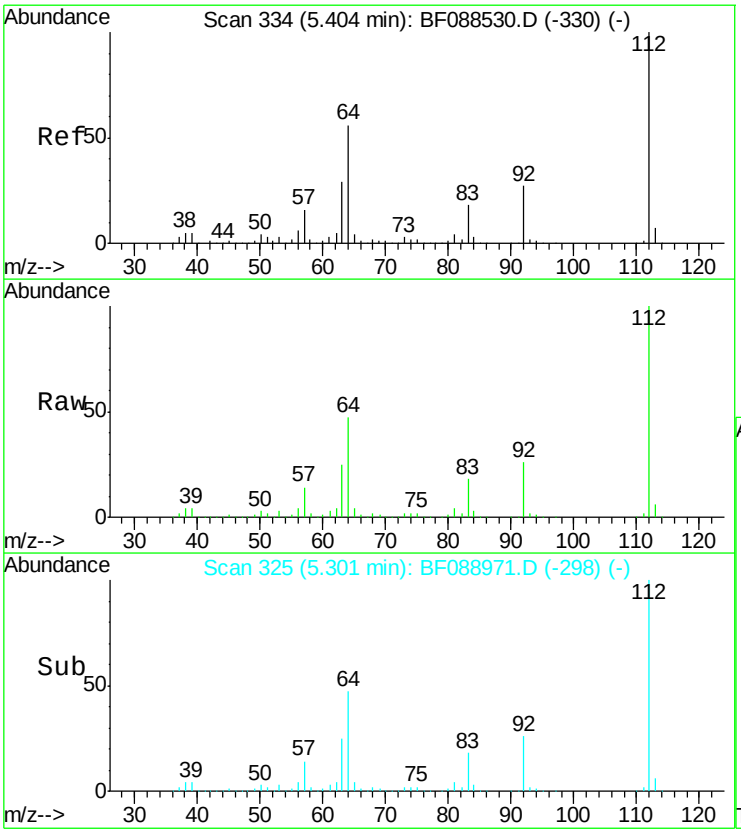
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:152 Resp: 68201

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.8	185.6
115	60.9	39.6	59.4#

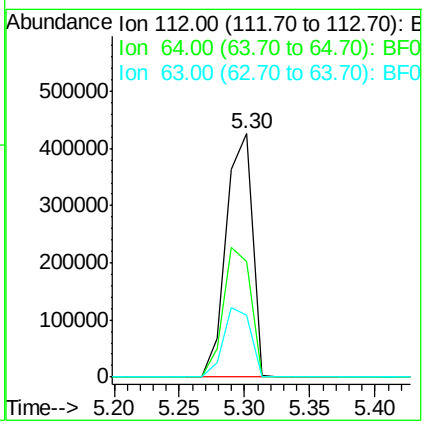


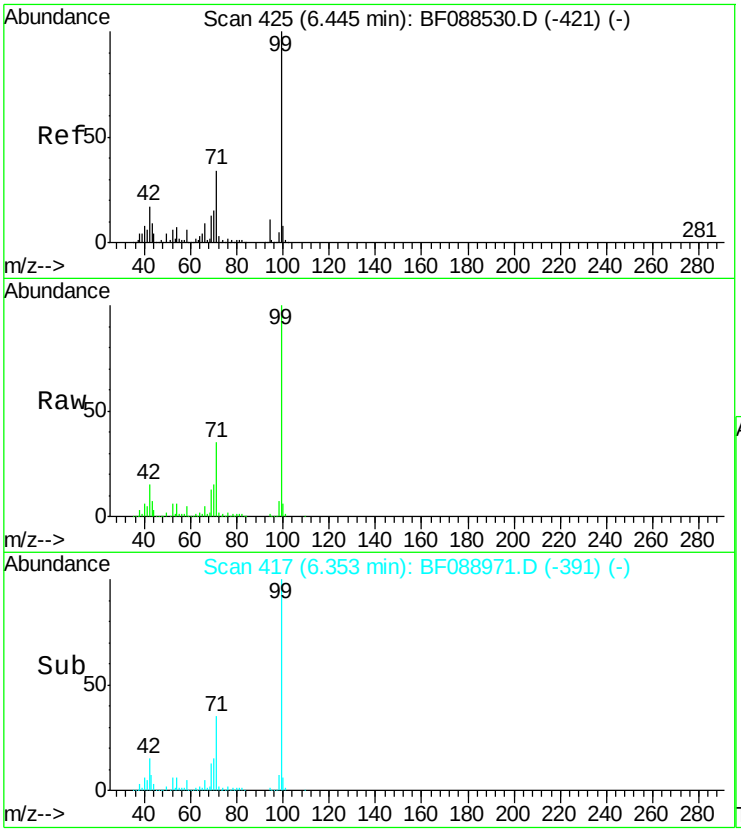


#5
2-Fluorophenol
Concen: 129.91 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:112 Resp: 591190

Ion	Ratio	Lower	Upper
112	100		
64	47.2	42.2	63.2
63	25.4	21.8	32.8



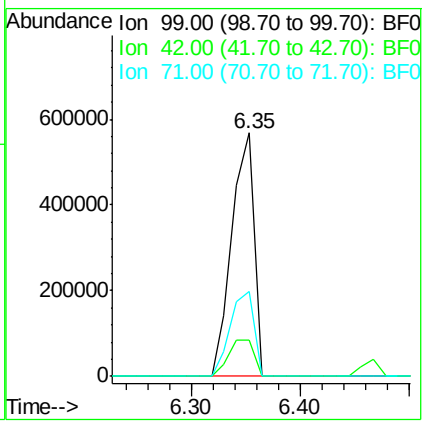


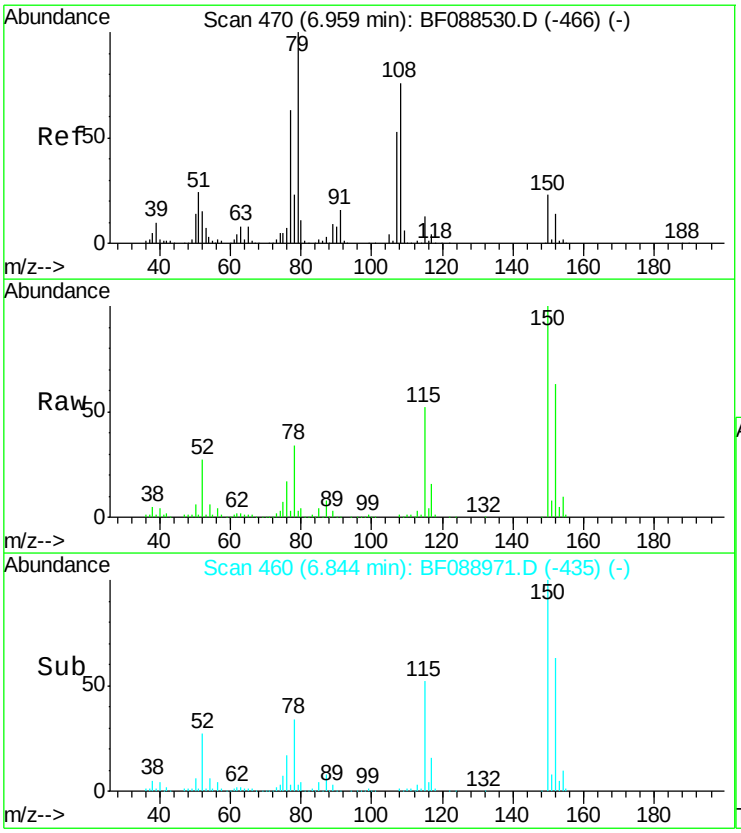
#7
Phenol-d6
Concen: 135.75 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion: 99 Resp: 798232

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.2
71	34.9	23.4	35.0

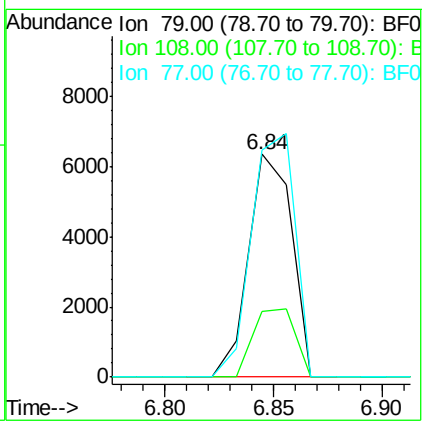


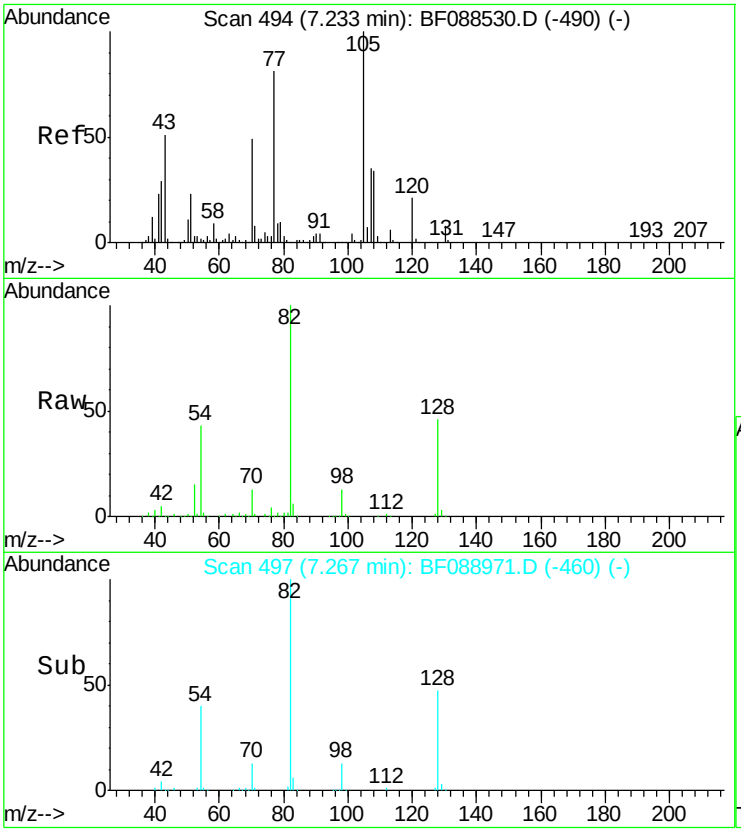


#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion: 79 Resp: 8832

Ion	Ratio	Lower	Upper
79	100		
108	29.4	65.0	97.6#
77	102.2	50.3	75.5#



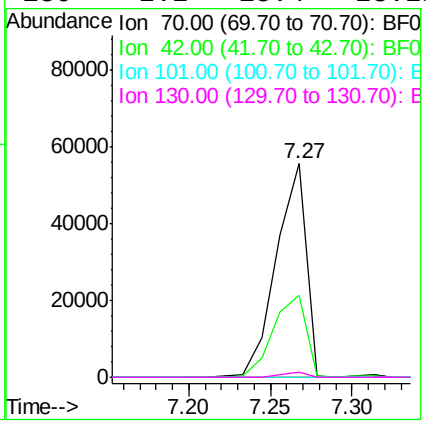


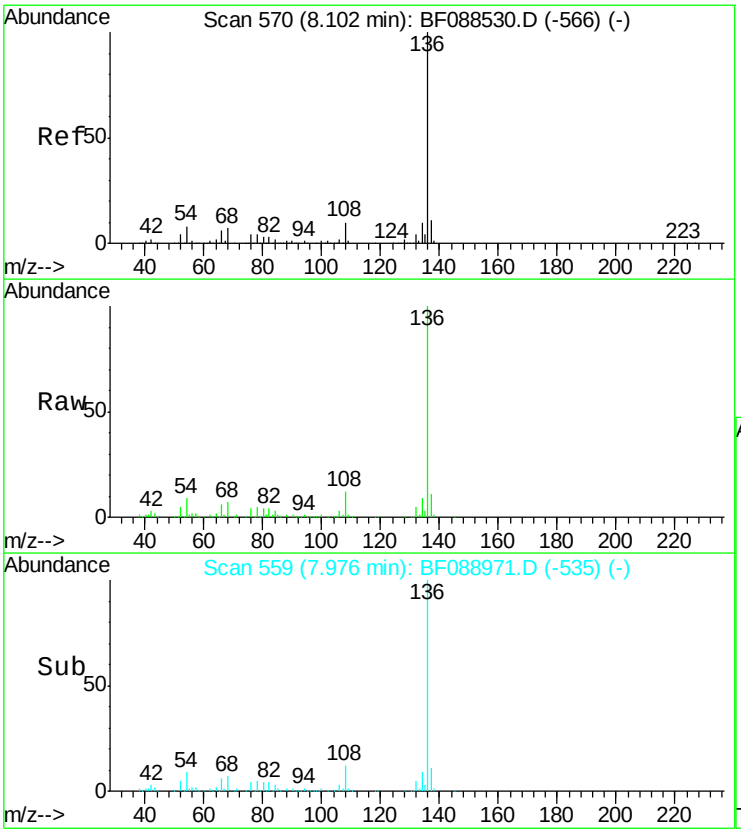
#19
n-Nitroso-di-n-propylamine
Concen: 18.11 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.13 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion: 70 Resp: 71524

Ion	Ratio	Lower	Upper
70	100		
42	38.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#

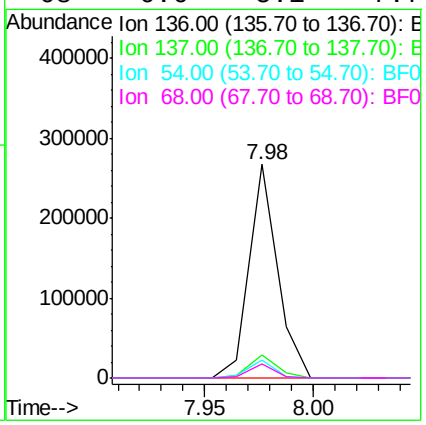


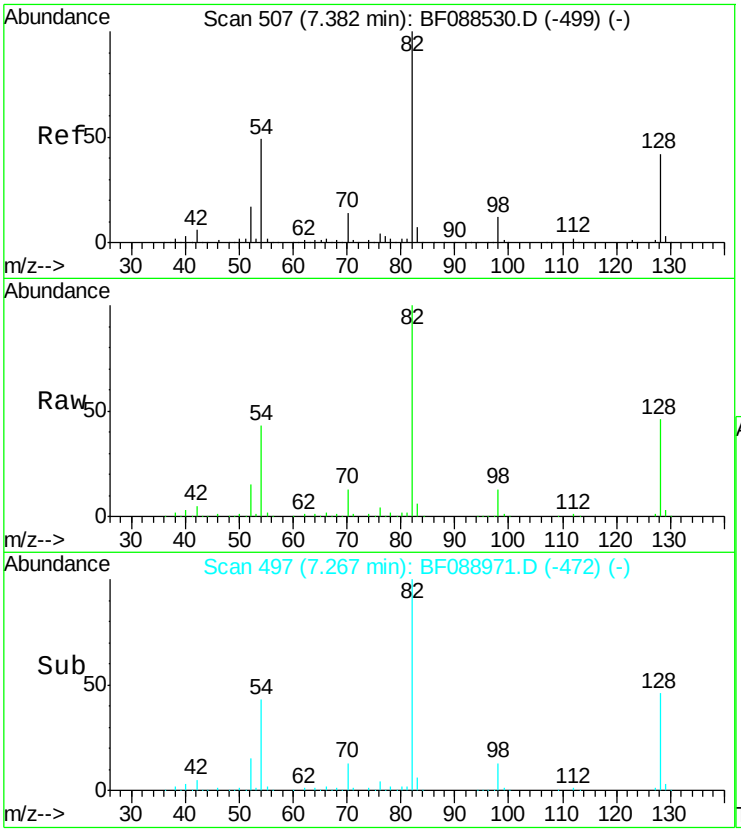


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:136 Resp: 243368

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.5	6.6	10.0
68	6.6	5.1	7.7



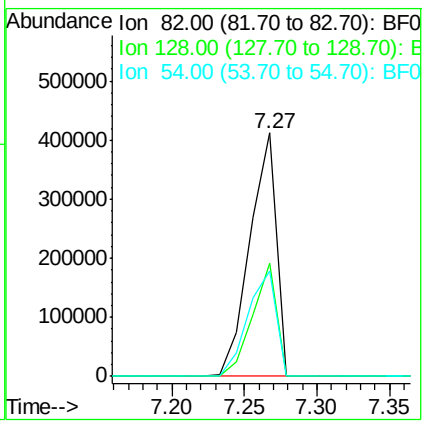


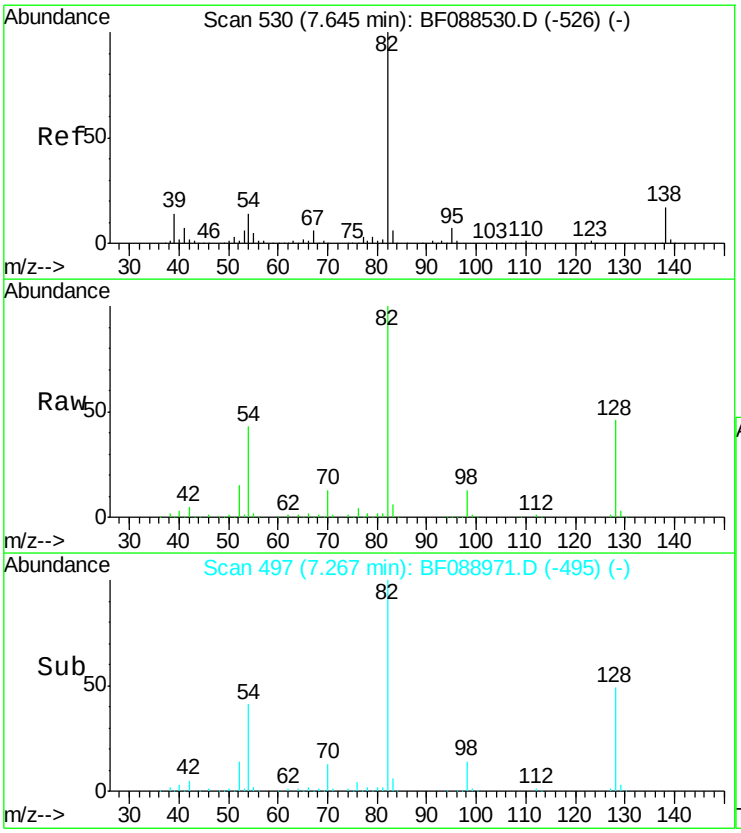
#23
Nitrobenzene-d5
Concen: 112.44 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion: 82 Resp: 522180

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.9	53.9
54	43.2	40.9	61.3

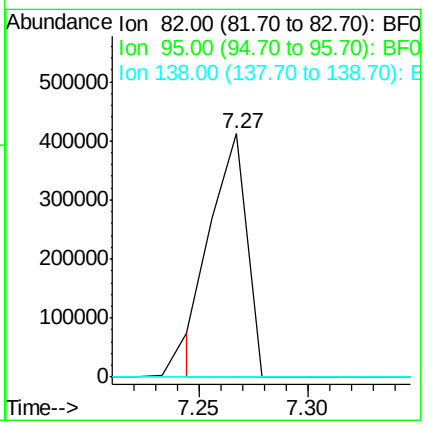


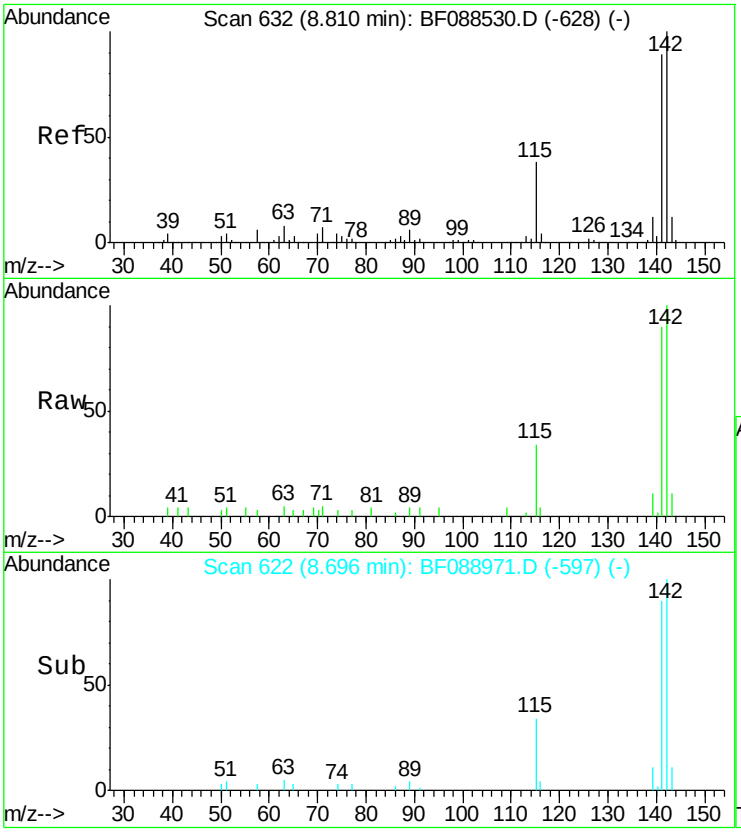


#25
Isophorone
Concen: 54.54 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.27 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion: 82 Resp: 469138

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	14.6	21.8#



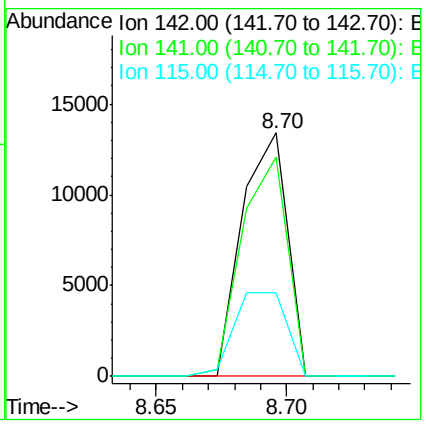


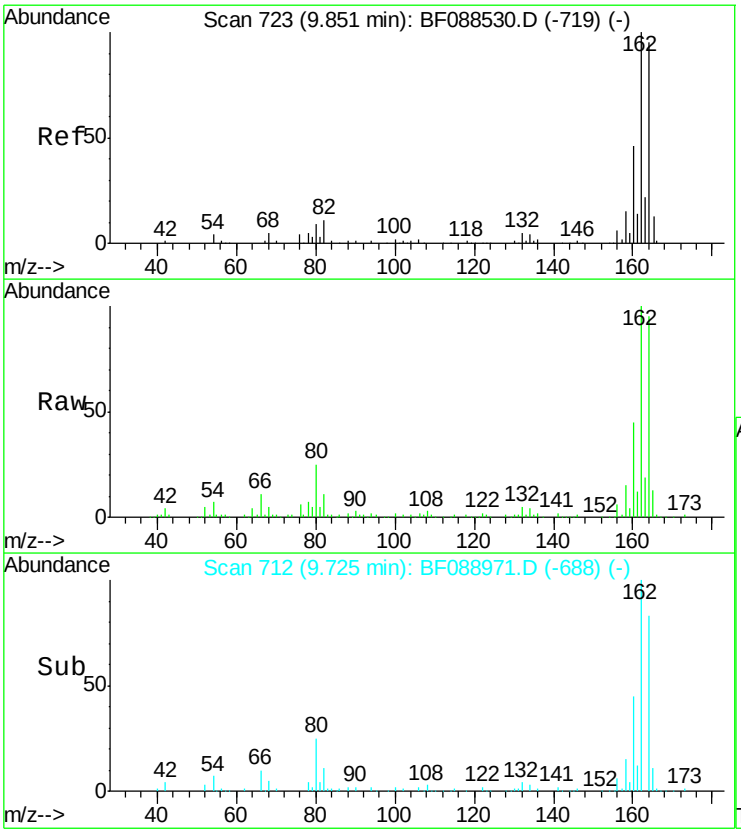
#37
2-Methylnaphthalene
Concen: 2.12 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:142 Resp: 16349

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	34.2	22.6	33.8#

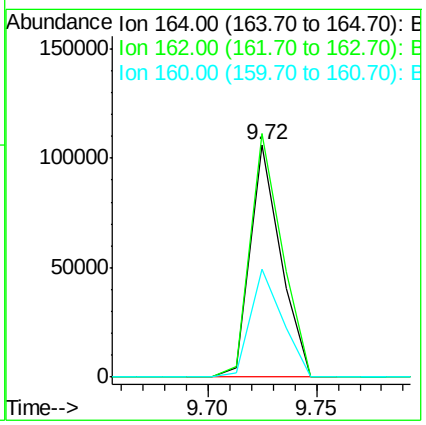


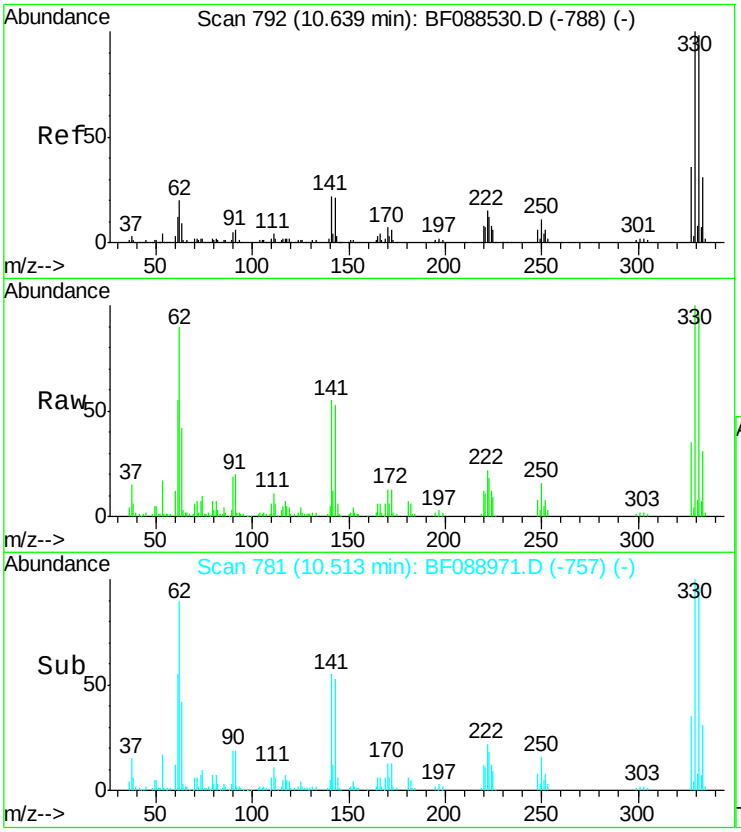


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:164 Resp: 103649

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	46.8	39.5	59.3



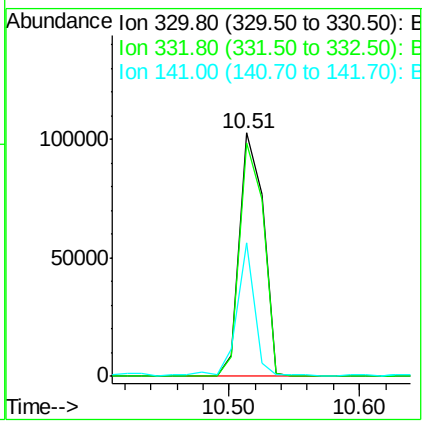


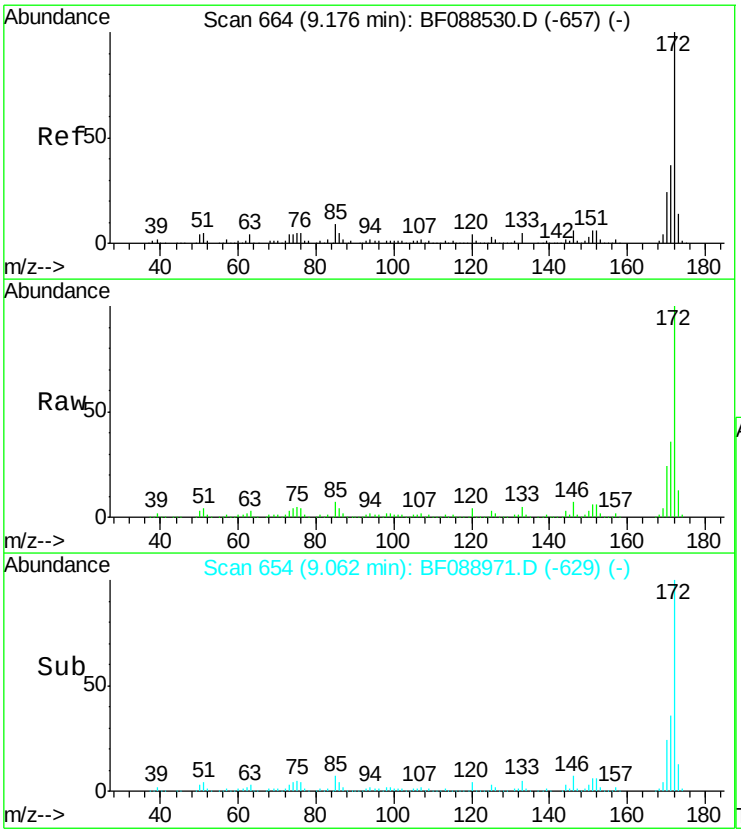
#41
2,4,6-Tribromophenol
Concen: 135.72 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:330 Resp: 130626

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	40.4	0.0	0.0#

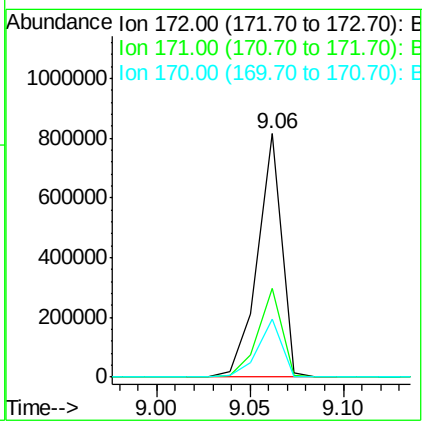


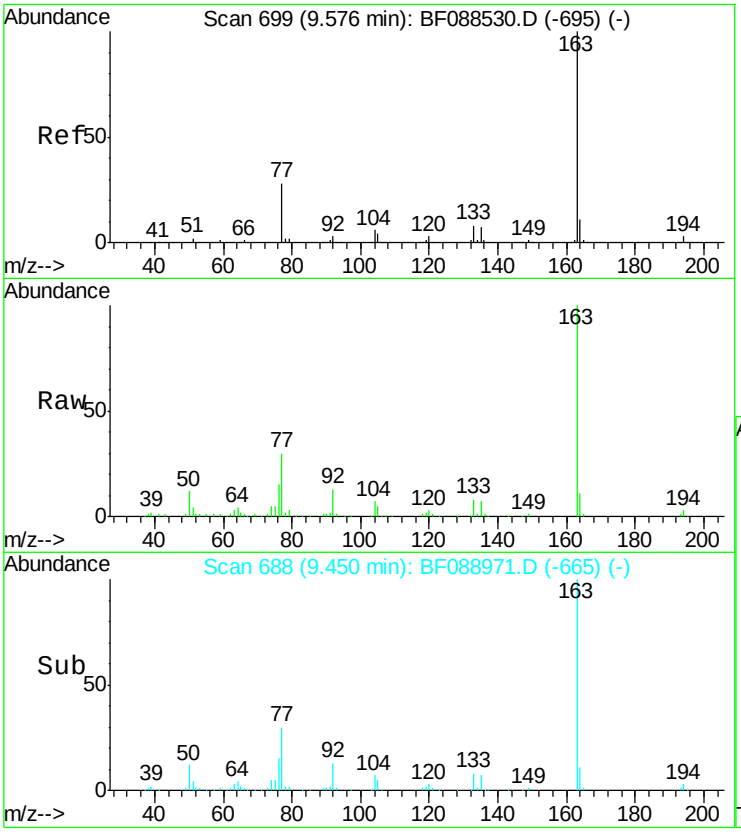


#44
2-Fluorobiphenyl
Concen: 110.77 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:172 Resp: 726841

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.0	19.2	28.8



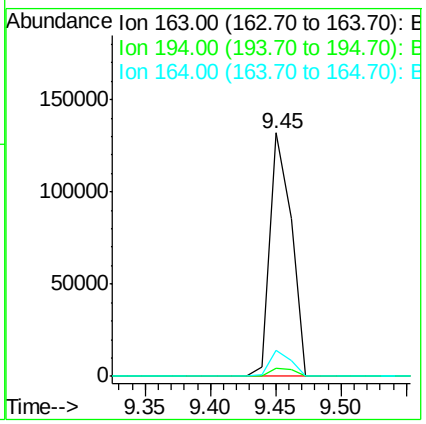


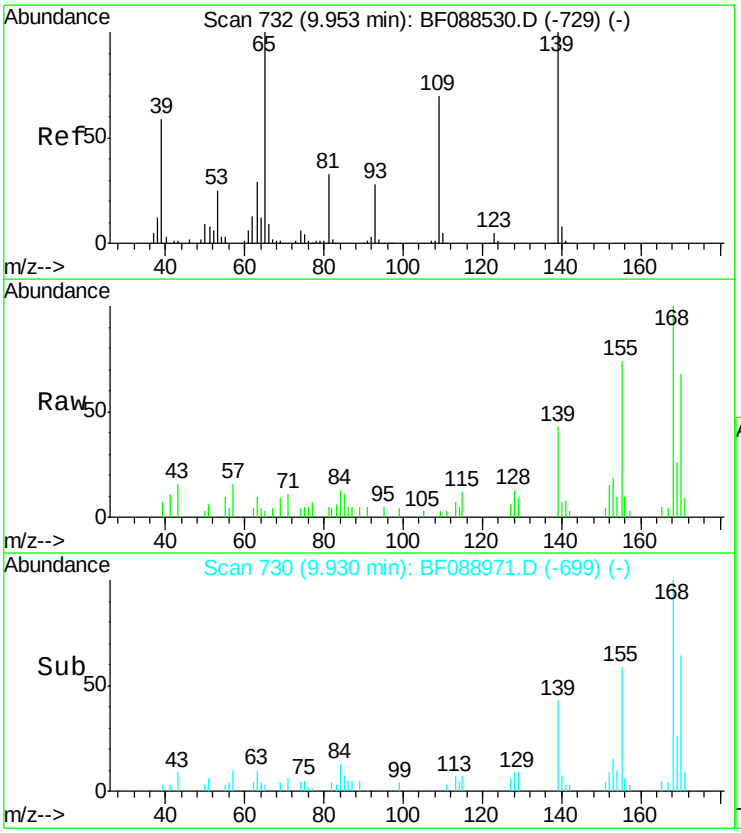
#49
Dimethylphthalate
Concen: 20.86 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:163 Resp: 154006

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.7	8.3	12.5

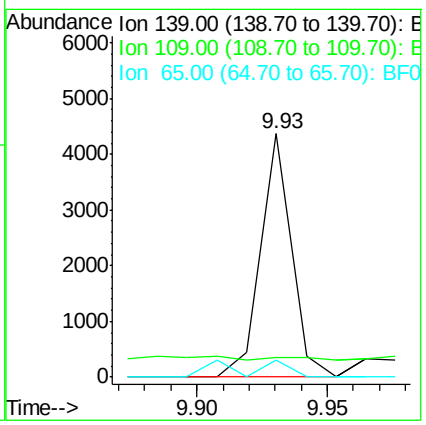


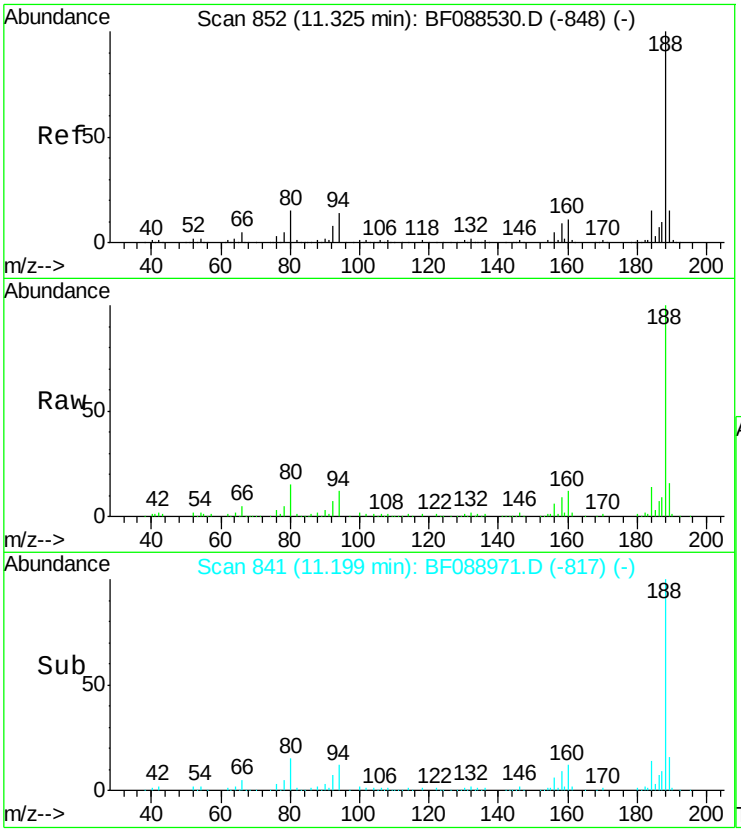


#55
4-Nitrophenol
Concen: 2.25 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.06 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:139 Resp: 3562

Ion	Ratio	Lower	Upper
139	100		
109	7.9	48.9	88.9#
65	7.0	84.9	124.9#



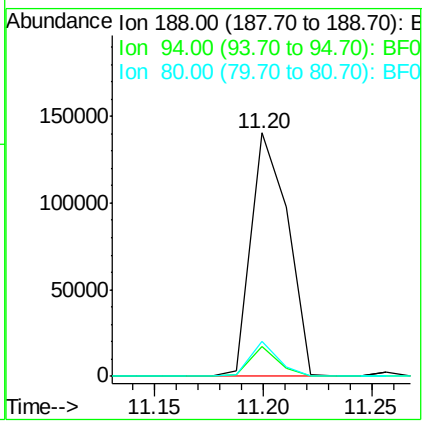


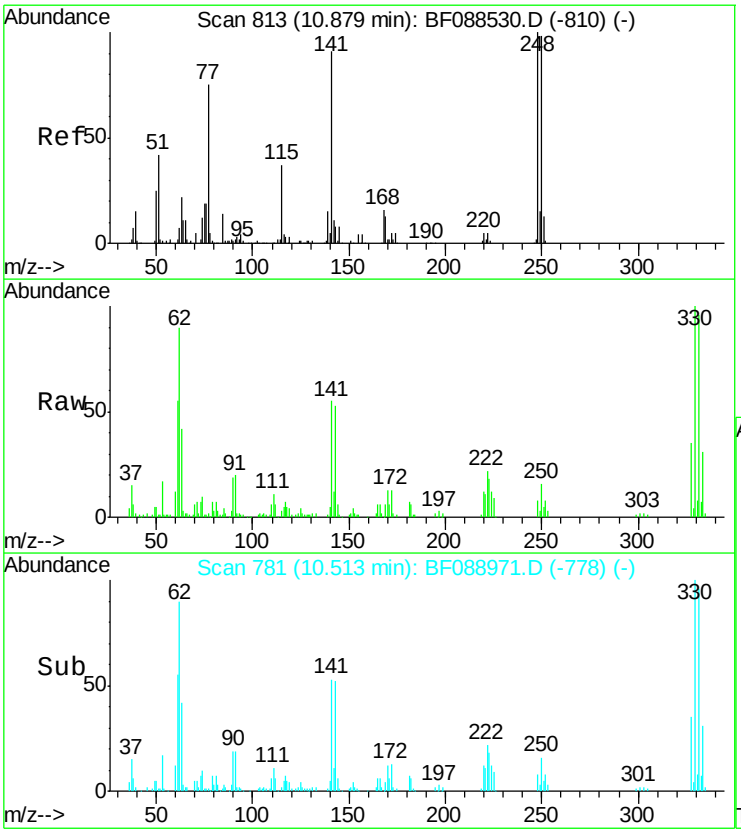
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:188 Resp: 166292

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.0	13.6
80	14.6	10.0	15.0

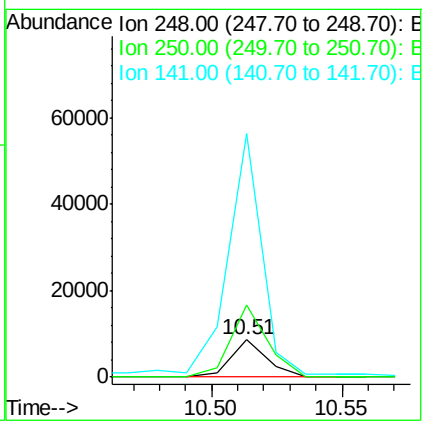


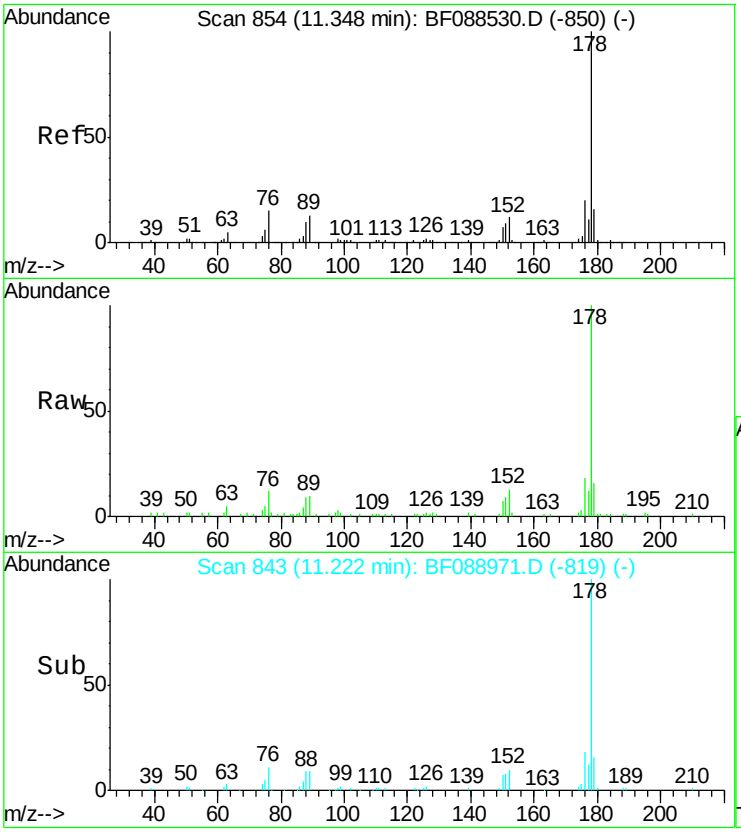


#66
4-Bromophenyl-phenylether
Concen: 5.05 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.26 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:248 Resp: 8463

Ion	Ratio	Lower	Upper
248	100		
250	191.0	77.1	115.7#
141	650.1	50.6	76.0#



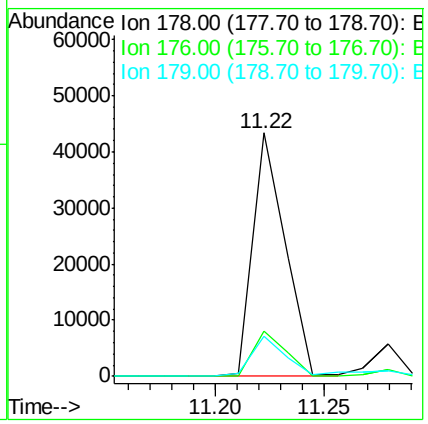


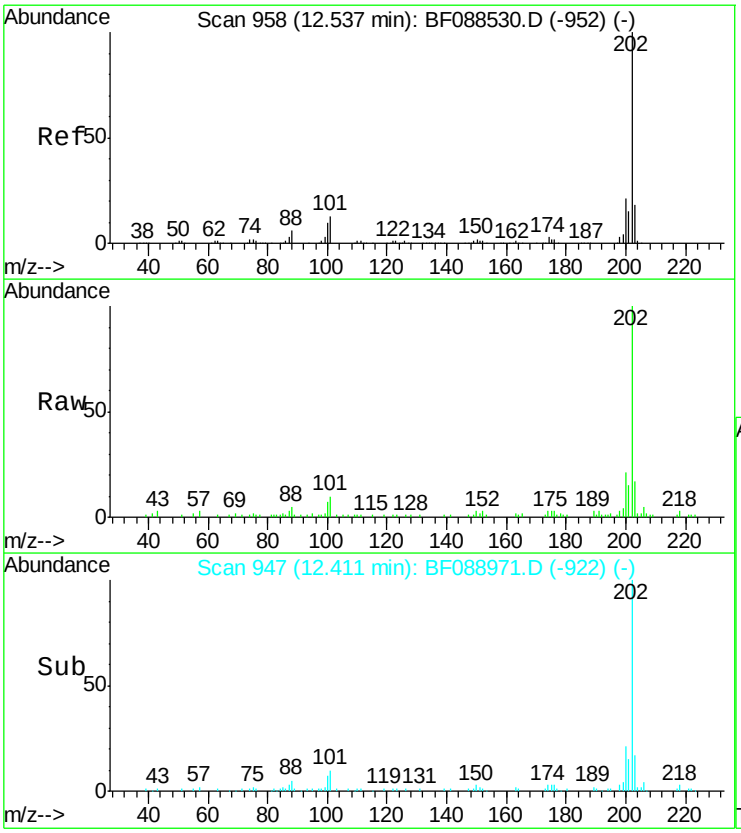
#70
Phenanthrene
Concen: 4.97 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:178 Resp: 45180

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	16.3	13.0	19.4

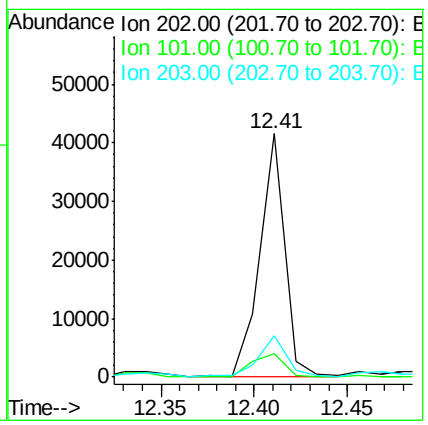


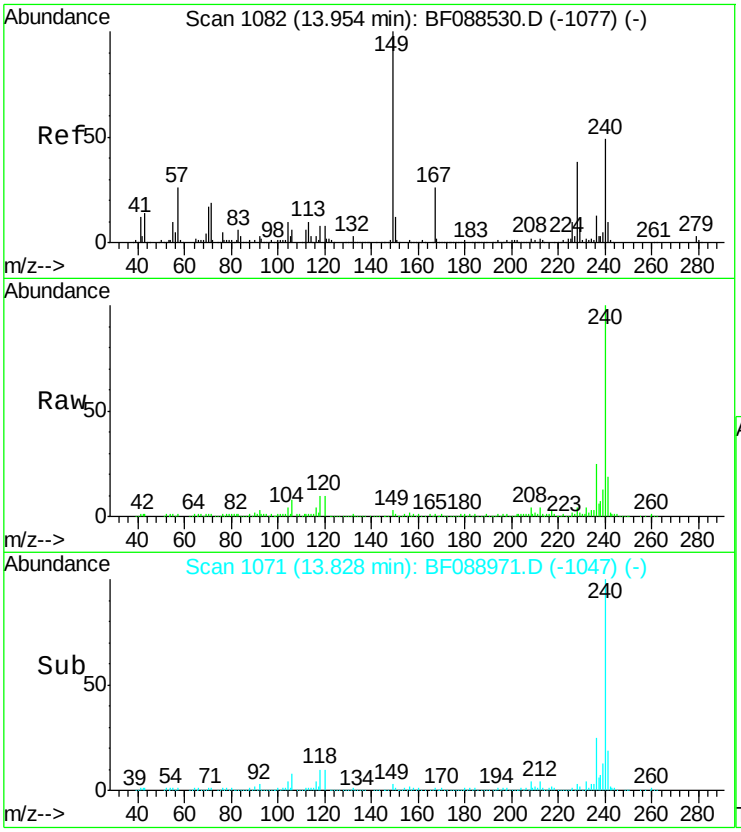


#74
Fluoranthene
Concen: 4.18 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:202 Resp: 38543

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	33.1
203	17.1	0.0	38.1



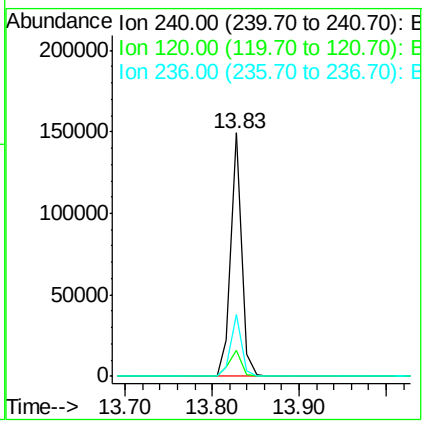


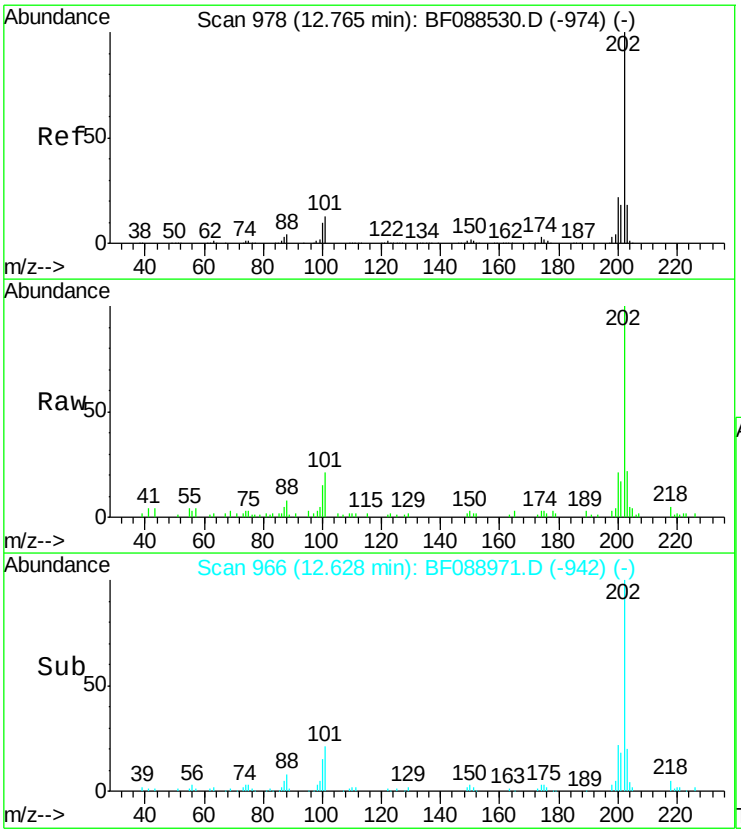
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:240 Resp: 129483

Ion	Ratio	Lower	Upper
240	100		
120	10.5	6.8	10.2#
236	25.2	20.2	30.2

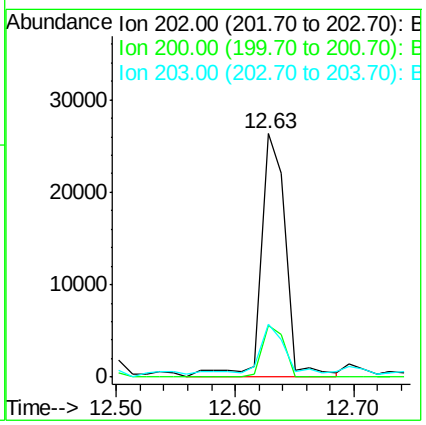


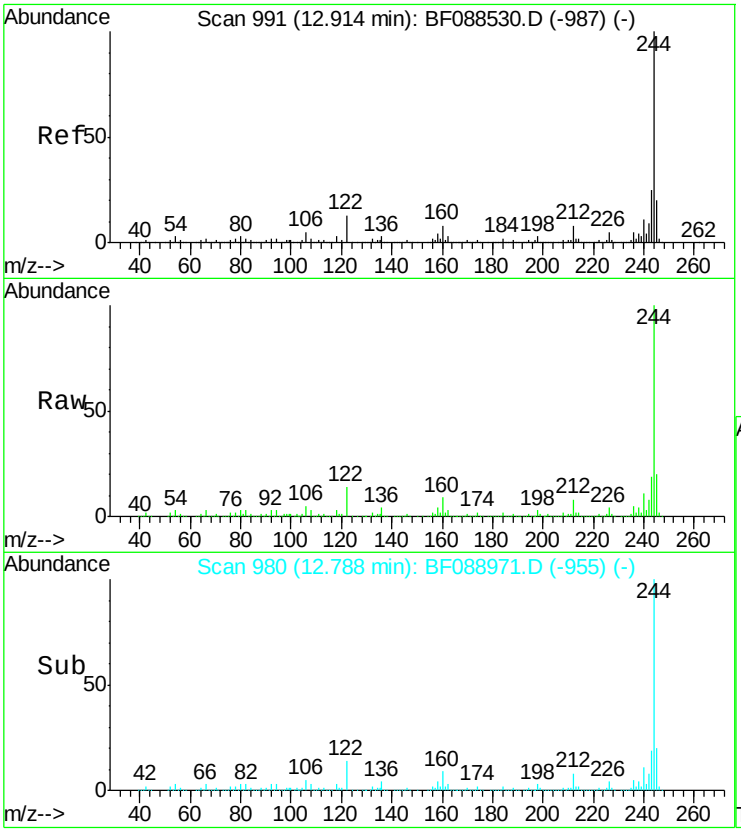


#77
Pyrene
Concen: 3.45 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:202 Resp: 37853

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	21.6	14.5	21.7



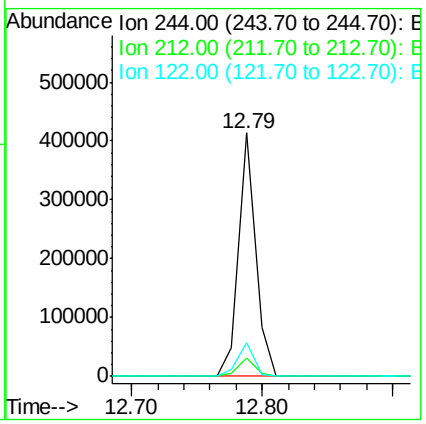


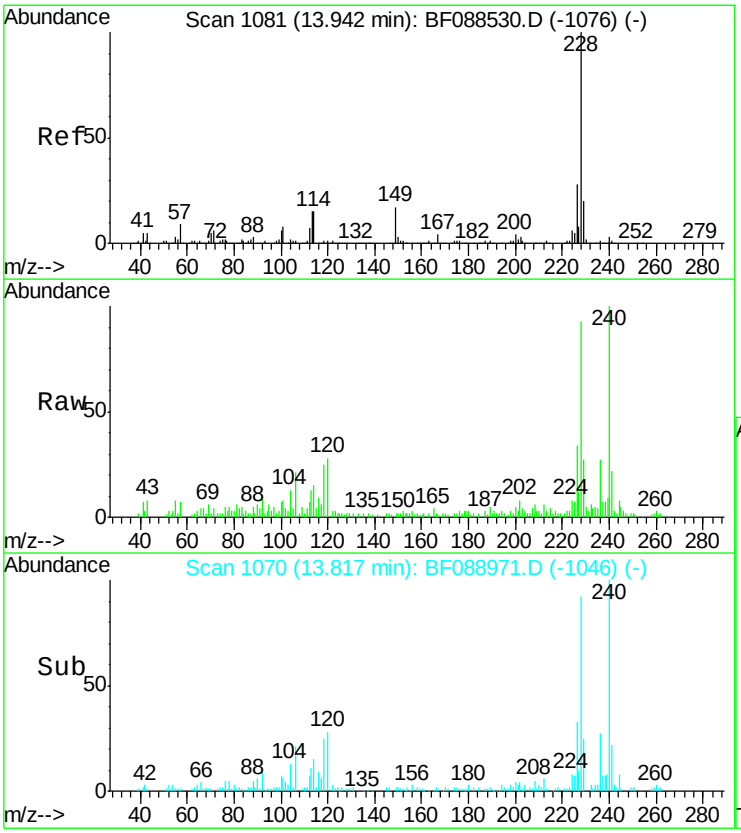
#78
Terphenyl-d14
Concen: 64.76 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:244 Resp: 376482

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.9	11.2	16.8

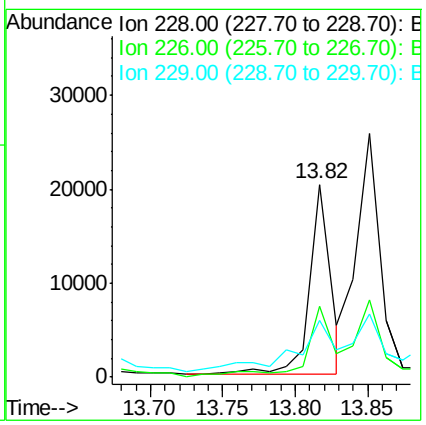


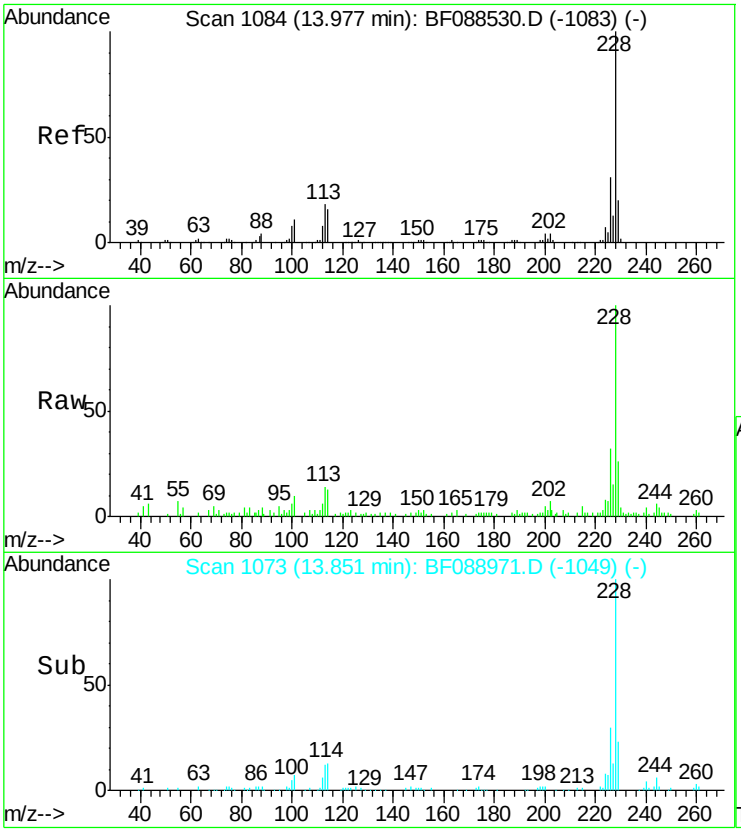


#80
Benzo(a)anthracene
Concen: 2.46 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:228 Resp: 20481

Ion	Ratio	Lower	Upper
228	100		
226	36.9	22.3	33.5#
229	29.4	16.0	24.0#



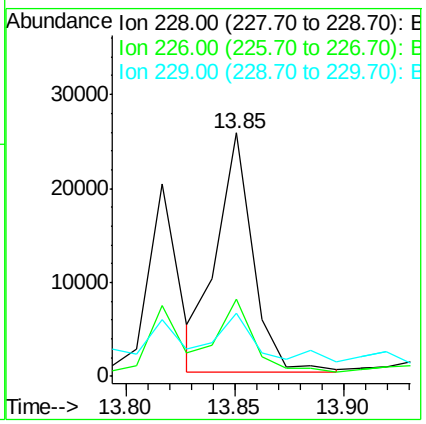


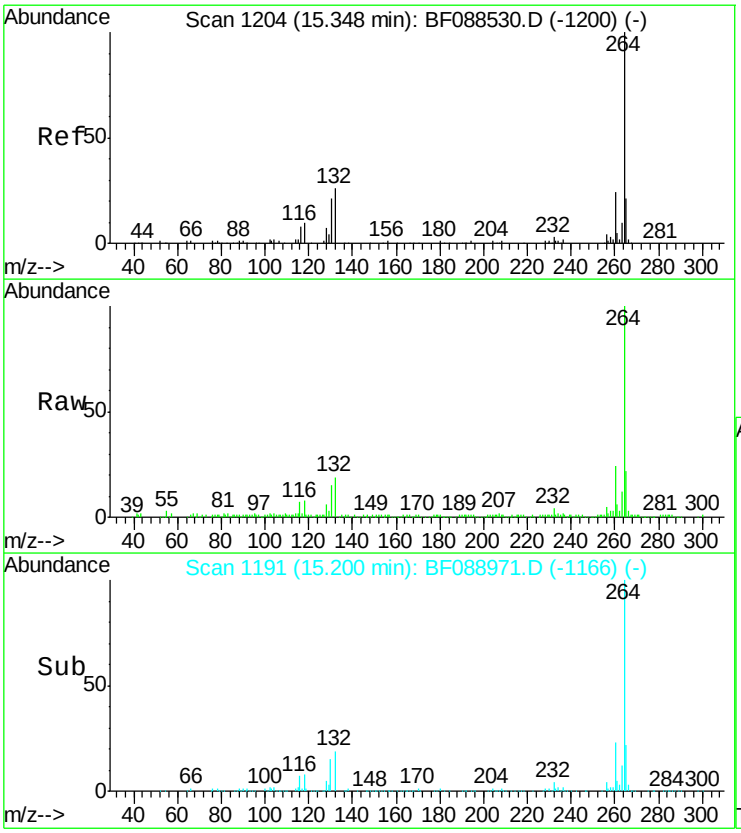
#82
Chrysene
Concen: 3.54 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:228 Resp: 29219

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.2
229	26.1	16.3	24.5#

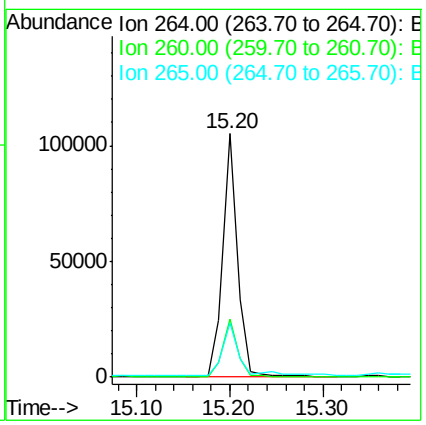


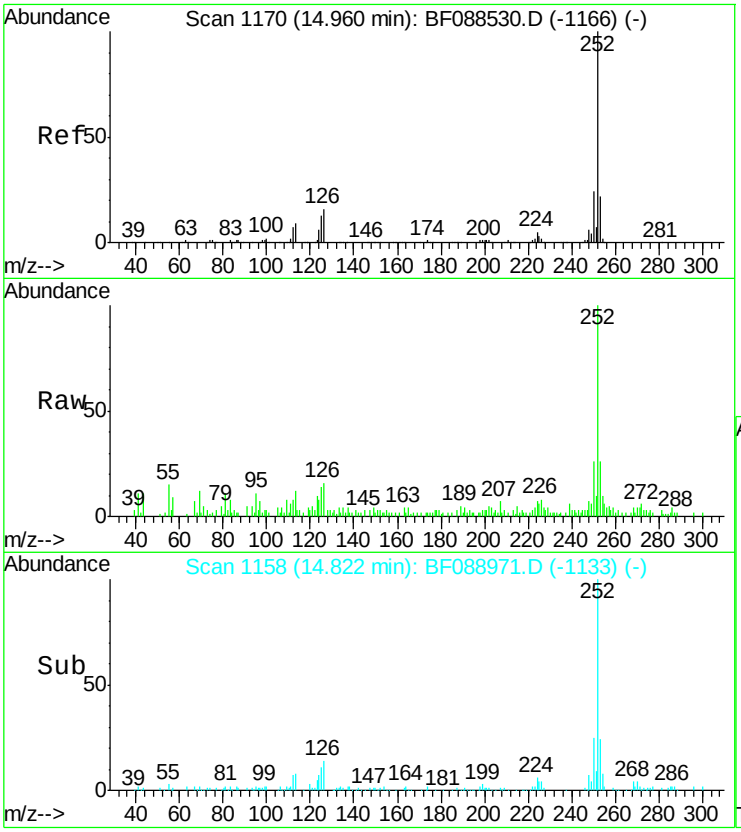


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:264 Resp: 117291

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	16.9	25.3



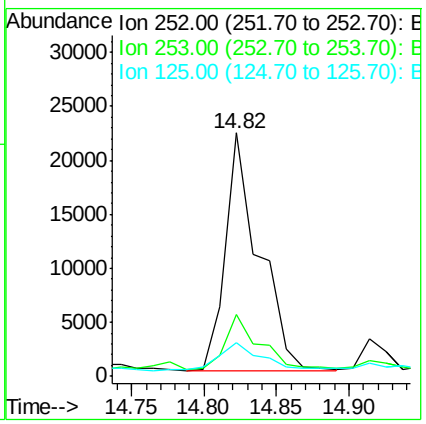


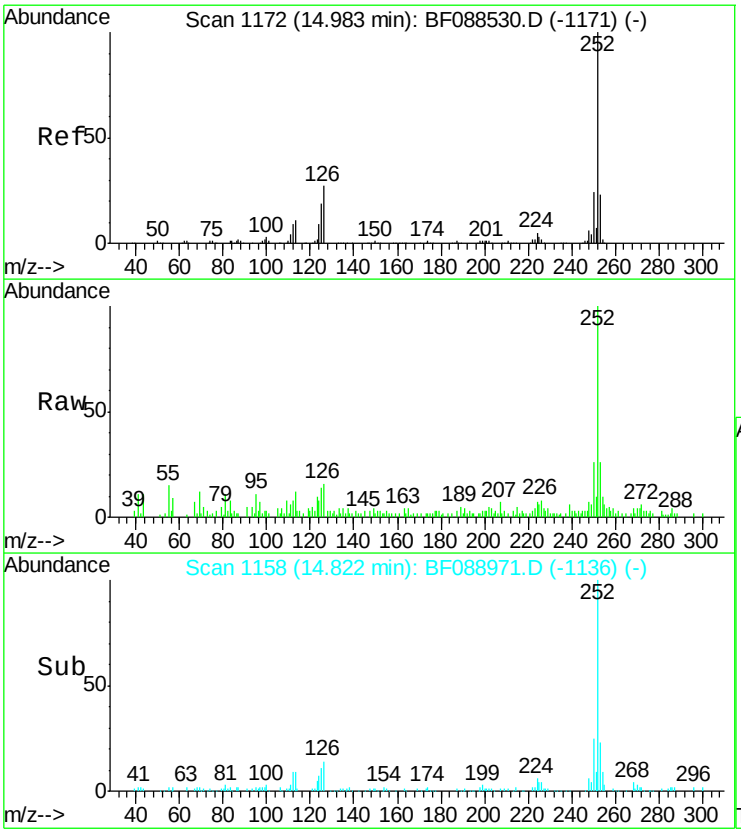
#87
Benzo(b)fluoranthene
Concen: 4.87 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:252 Resp: 35847

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.2
125	13.6	7.1	10.7#

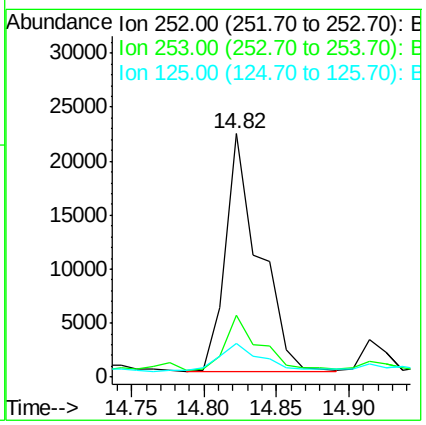


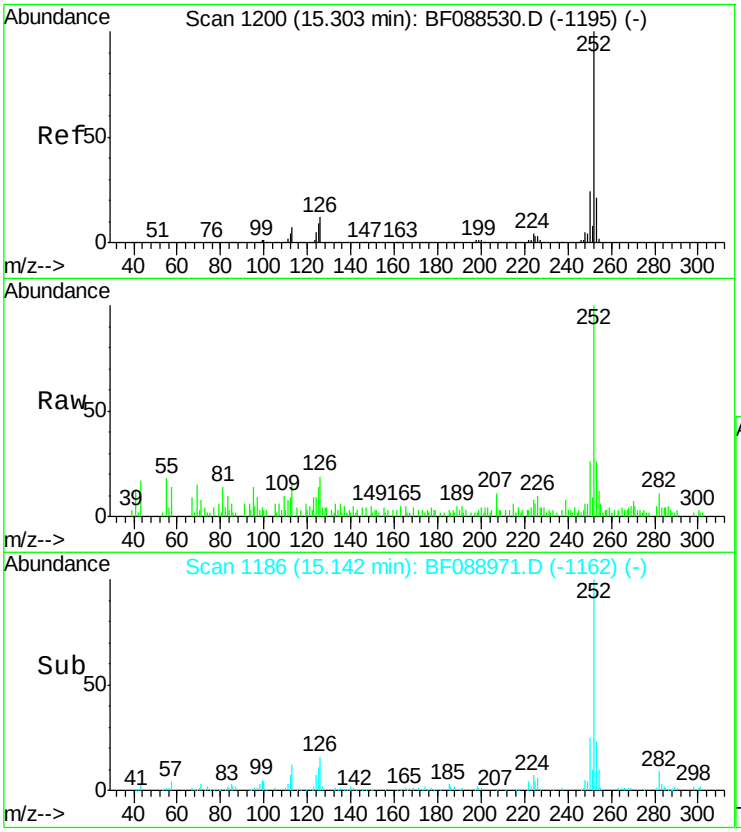


#88
Benzo(k)fluoranthene
Concen: 5.60 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.05 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:252 Resp: 35847

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.0	27.0
125	13.6	11.2	16.8



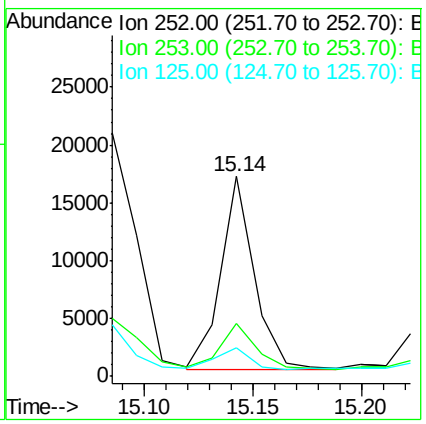


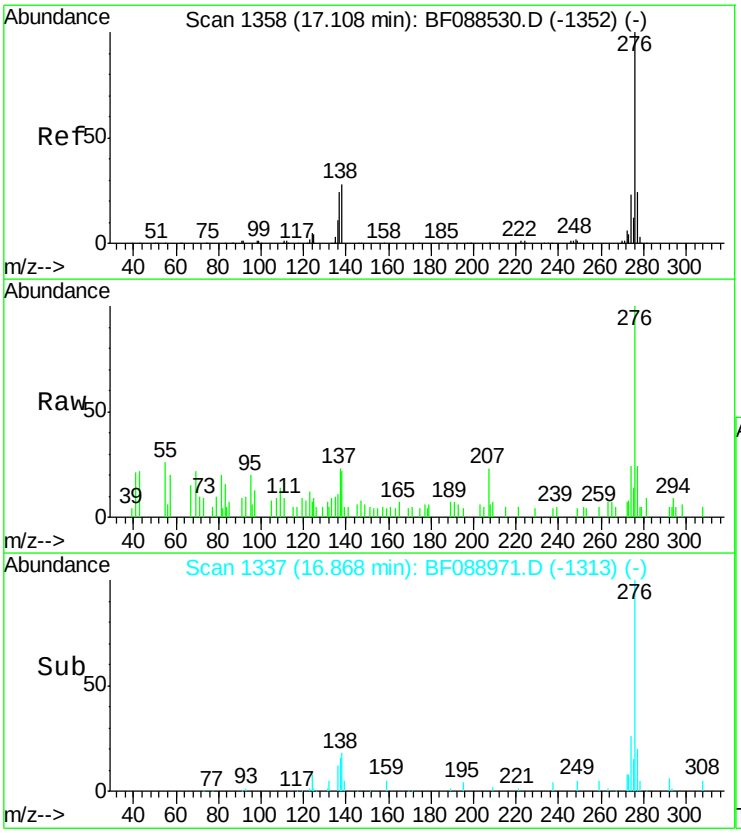
#89
Benzo(a)pyrene
Concen: 2.86 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Instrument :
BNA_F
ClientSampleId :
C4.2-7

Tgt Ion:252 Resp: 17839

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	14.1	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 3.08 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF088971.D
Acq: 13 Jul 2016 21:38

Tgt Ion:276 Resp: 16591

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	21.8	21.4	32.2