Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091044.D
Acq On : 5 Nov 2016 2:08
Operator : UM/SJ
Sample : H5502-23 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-90-0.0-1.0

Quant Time: Nov 05 02:31:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166969	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	658613	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	322021	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	414625	20.00	ng		0.00
75) Chrysene-d12	13.86	240	373149	20.00	ng		0.00
86) Perylene-d12	15.25	264	269835	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	108177	10.70	ng		0.00
7) Phenol-d6	6.35	99	163336	11.90	ng		0.00
23) Nitrobenzene-d5	7.26	82	100359	8.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	16482	5.66	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	167690	8.97	ng		0.00
78) Terphenyl-d14	12.81	244	113549	7.59	ng		0.00
Target Compounds							Qvalue
35) Caprolactam	8.43	113	6921	2.70	ng	#	35
49) Dimethylphthalate	9.47	163	42356	2.01	ng		99
50) 2,6-Dinitrotoluene	9.74	165	43446	9.60	ng	#	11
51) Acenaphthene	9.78	154	67003	3.84	ng		98
54) Dibenzofuran	9.95	168	78593	3.34	ng		94
55) 4-Nitrophenol	9.95	139	31650	13.95	ng	#	7
57) Fluorene	10.29	166	87641	4.56	ng		99
70) Phenanthrene	11.25	178	907051	41.15	ng		99
71) Anthracene	11.30	178	259442	11.07	ng		99
72) Carbazole	11.46	167	88928	4.21	ng		99
74) Fluoranthene	12.44	202	1363348	59.64	ng		89
77) Pyrene	12.66	202	1053512	43.11	ng		99
80) Benzo(a)anthracene	13.85	228	622170	29.37	ng		99
82) Chrysene	13.85	228	622170	29.78	ng		96
85) Indeno(1,2,3-cd)pyrene	16.56	276	161301	9.31	ng		92
87) Benzo(b)fluoranthene	14.87	252	711848	38.90	ng	#	96
88) Benzo(k)fluoranthene	14.87	252	711848	44.34	ng		99
89) Benzo(a)pyrene	15.20	252	330414	20.74	ng		97
90) Dibenzo(a,h)anthracene	16.57	278	60642	4.40	ng	#	84
91) Benzo(g,h,i)perylene	16.96	276	140470	11.28	ng		98

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

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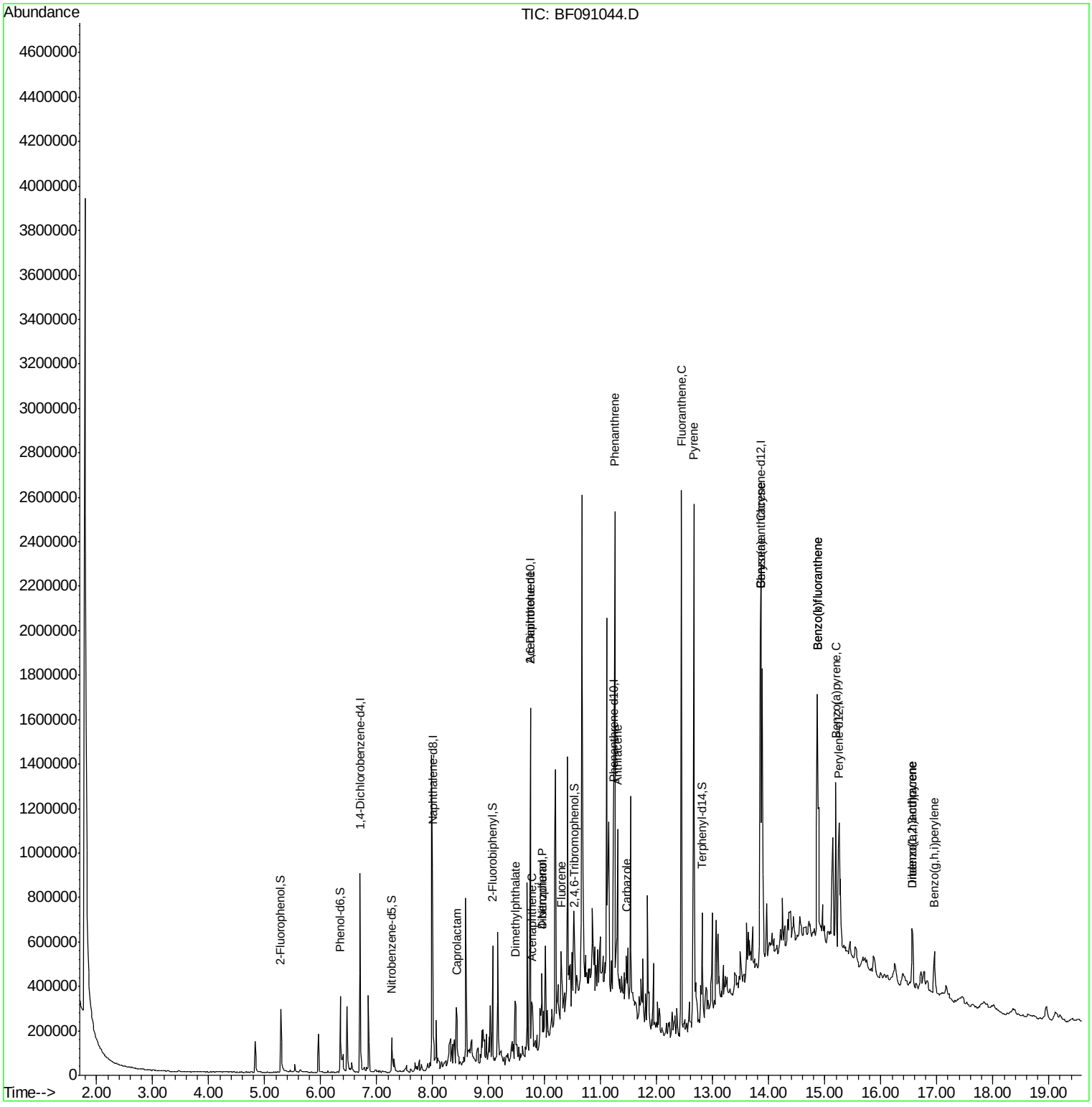
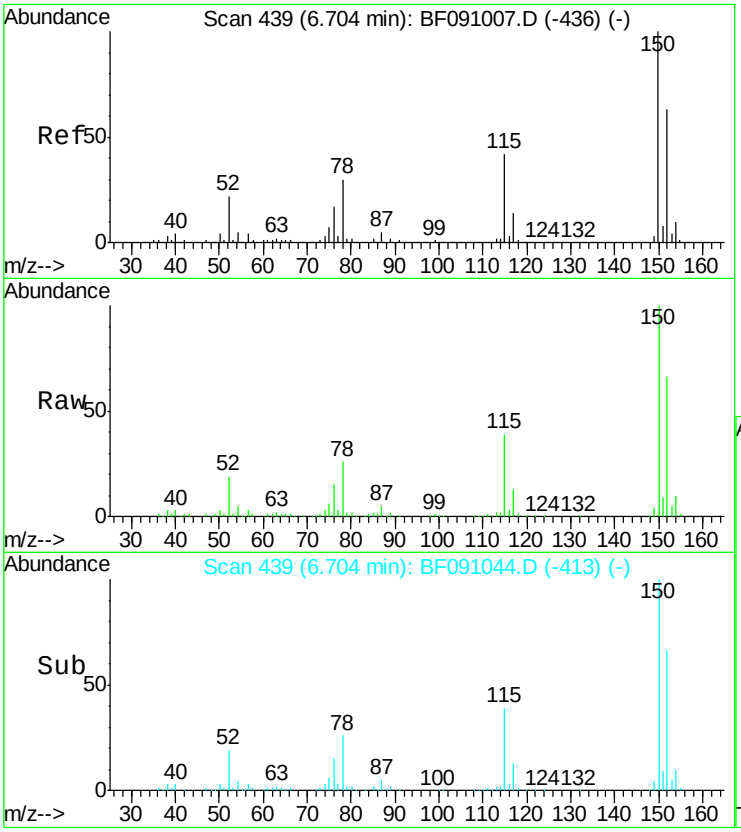


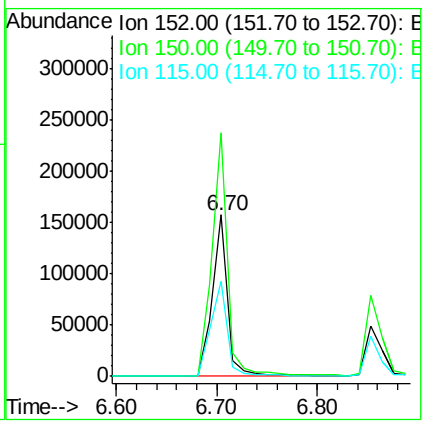


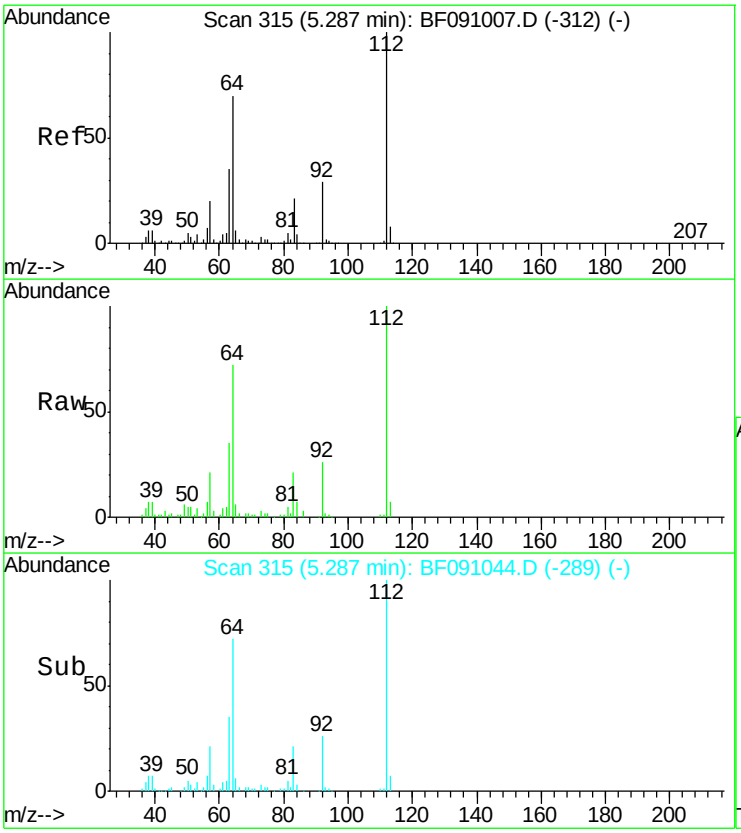
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion:152 Resp: 166969

Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.8	190.2
115	58.9	53.3	79.9

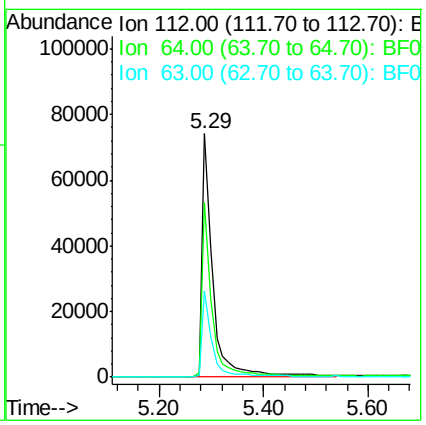


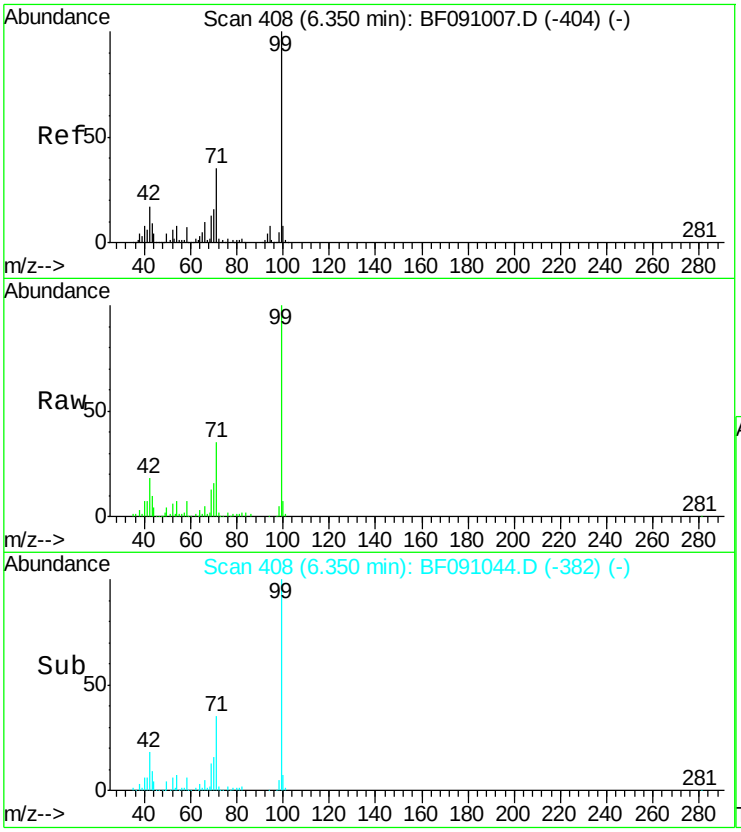


#5
2-Fluorophenol
Concen: 10.70 ng
RT: 5.29 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Tgt Ion:112 Resp: 108177

Ion	Ratio	Lower	Upper
112	100		
64	71.5	55.8	83.6
63	35.2	28.0	42.0



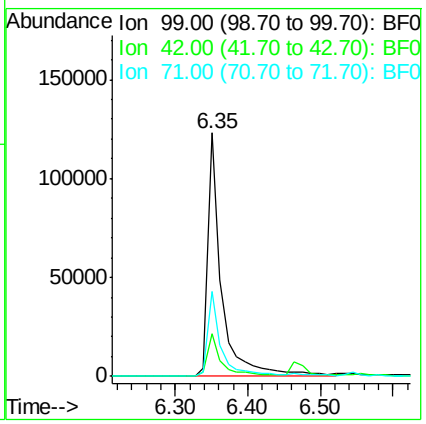


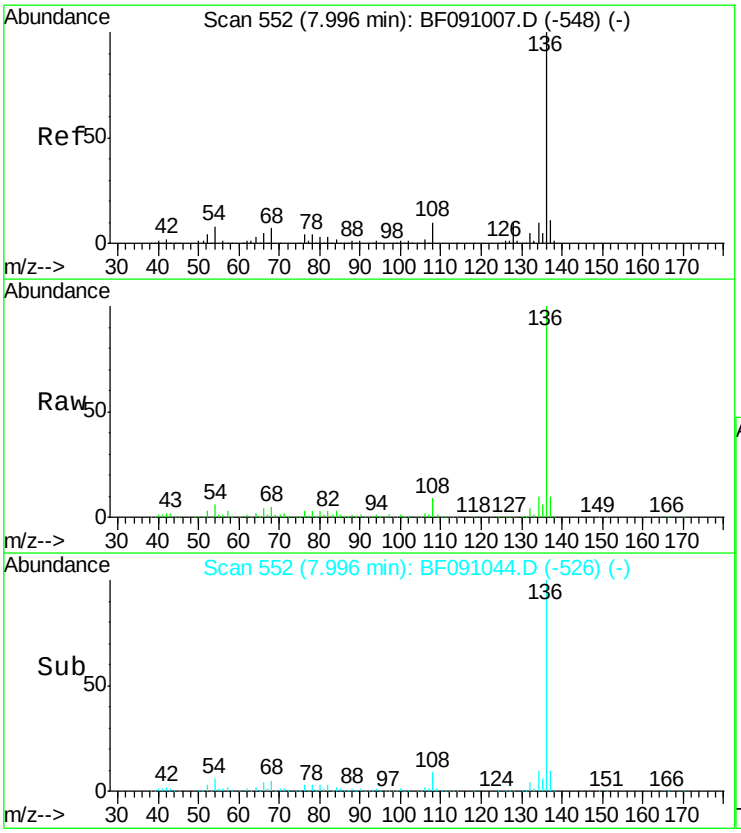
#7
Phenol-d6
Concen: 11.90 ng
RT: 6.35 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion: 99 Resp: 163336

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.9	20.9
71	35.0	27.8	41.8

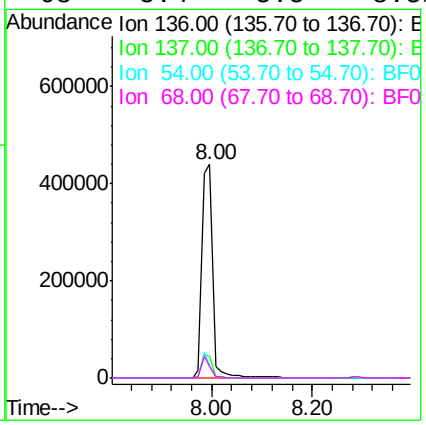


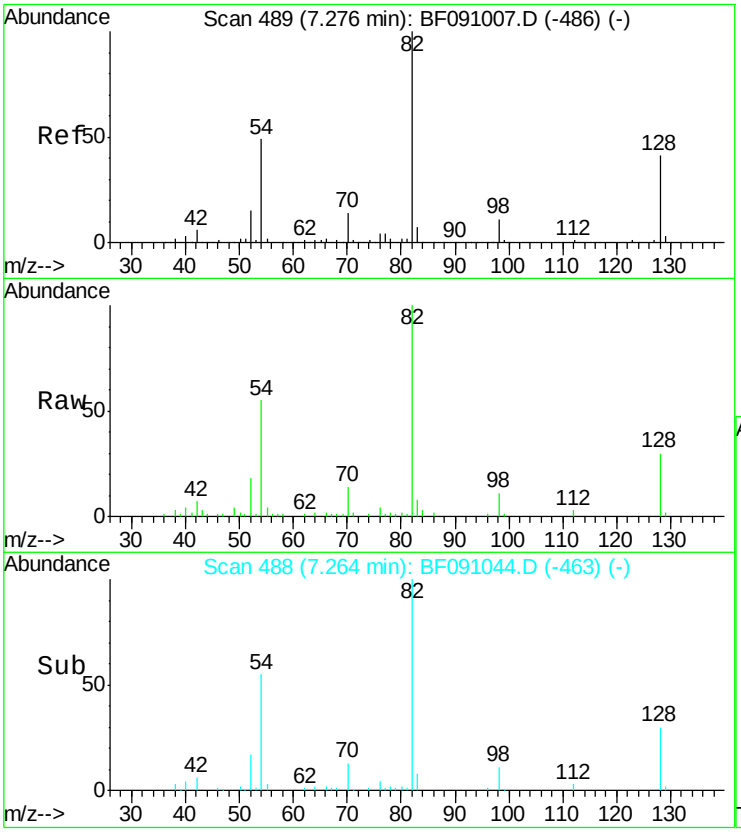


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Tgt Ion:136 Resp: 658613

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.1	6.2	9.2#
68	5.4	5.5	8.3#



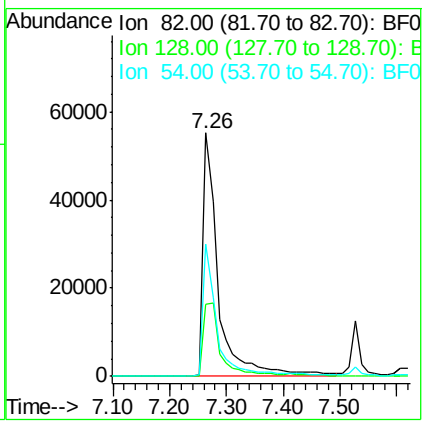


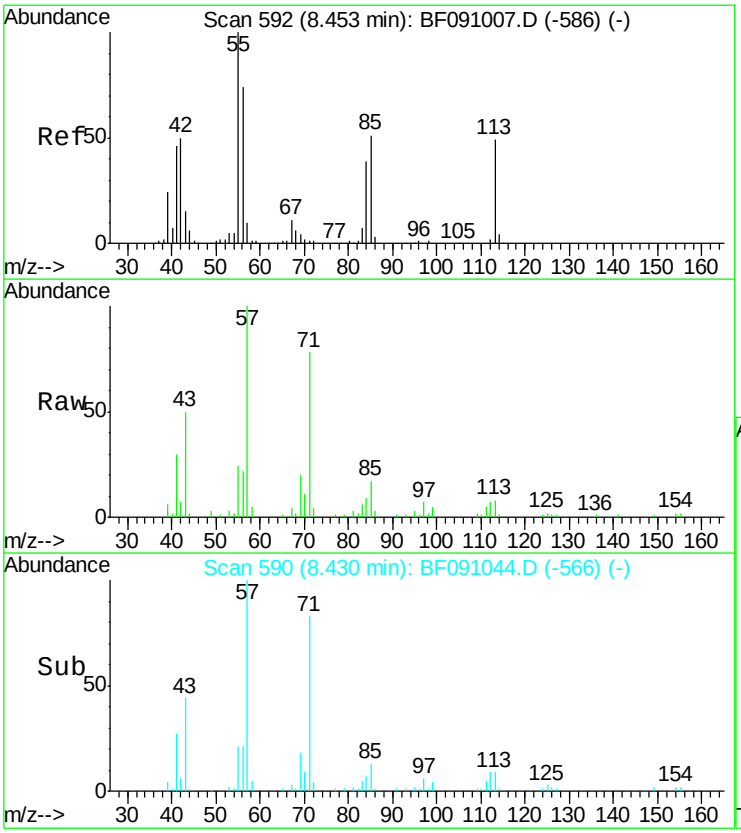
#23
Nitrobenzene-d5
Concen: 8.31 ng
RT: 7.26 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion: 82 Resp: 100359

Ion	Ratio	Lower	Upper
82	100		
128	29.7	32.4	48.6#
54	54.5	39.2	58.8

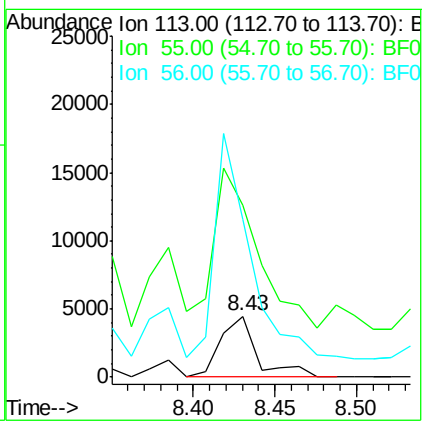


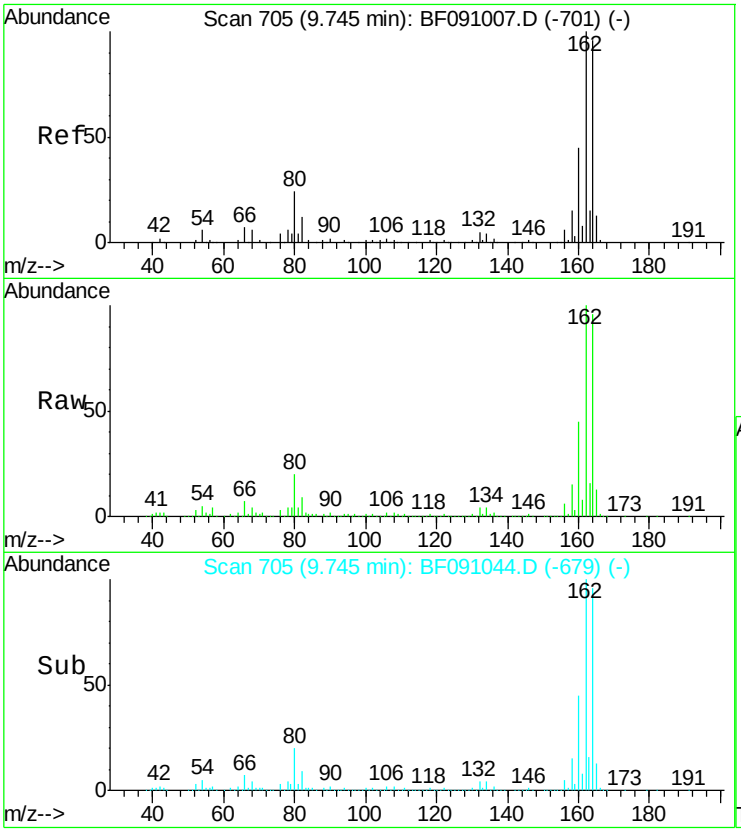


#35
Caprolactam
Concen: 2.70 ng
RT: 8.43 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Tgt Ion:113 Resp: 6921

Ion	Ratio	Lower	Upper
113	100		
55	281.9	184.1	224.1#
56	260.1	132.0	172.0#



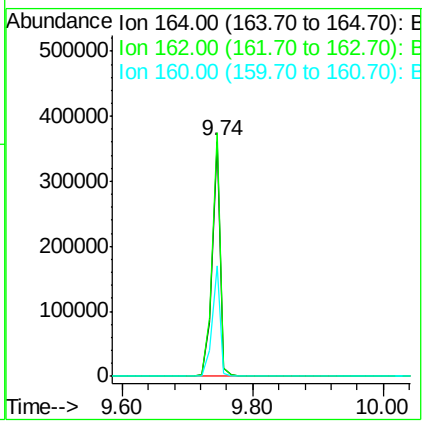


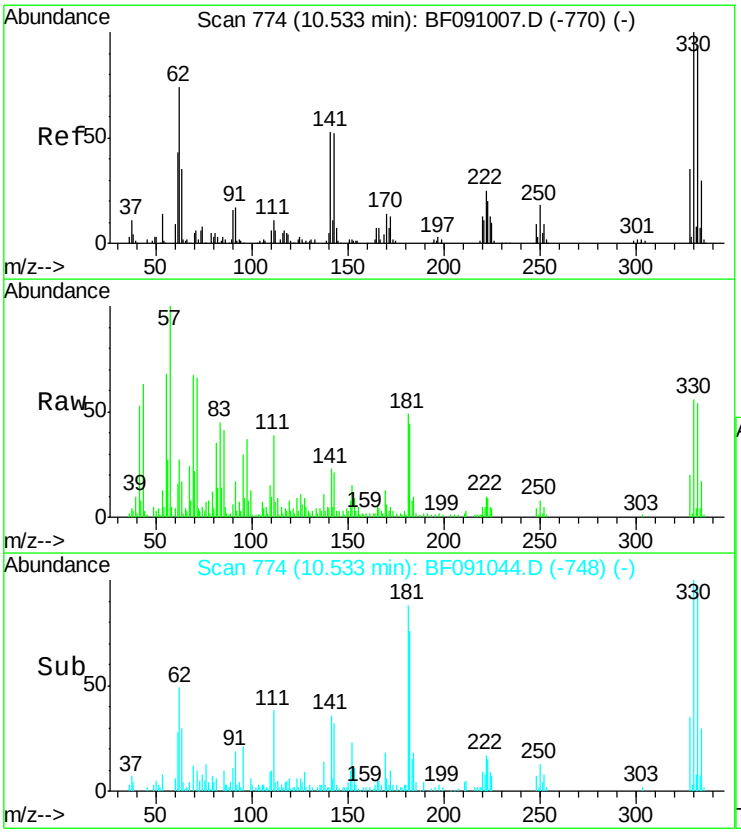
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion:164 Resp: 322021

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.6	125.4
160	47.0	37.9	56.9

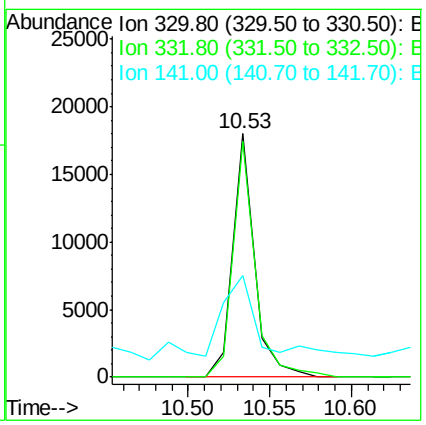


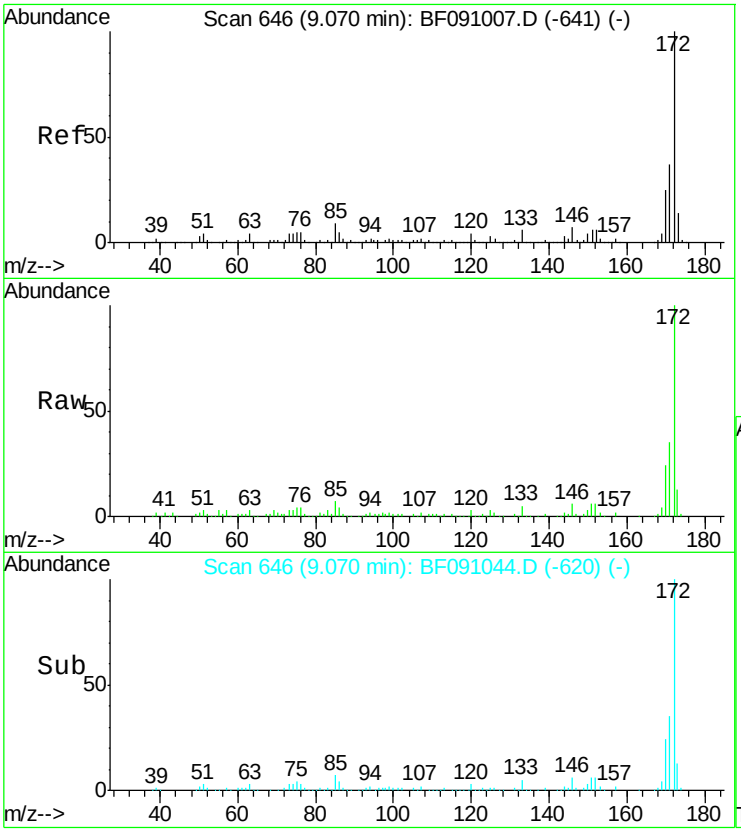


#41
2,4,6-Tribromophenol
Concen: 5.66 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Tgt Ion:330 Resp: 16482

Ion	Ratio	Lower	Upper
330	100		
332	98.9	75.9	113.9
141	59.2	36.1	54.1#



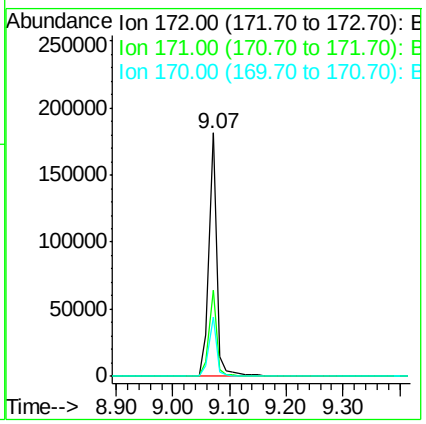


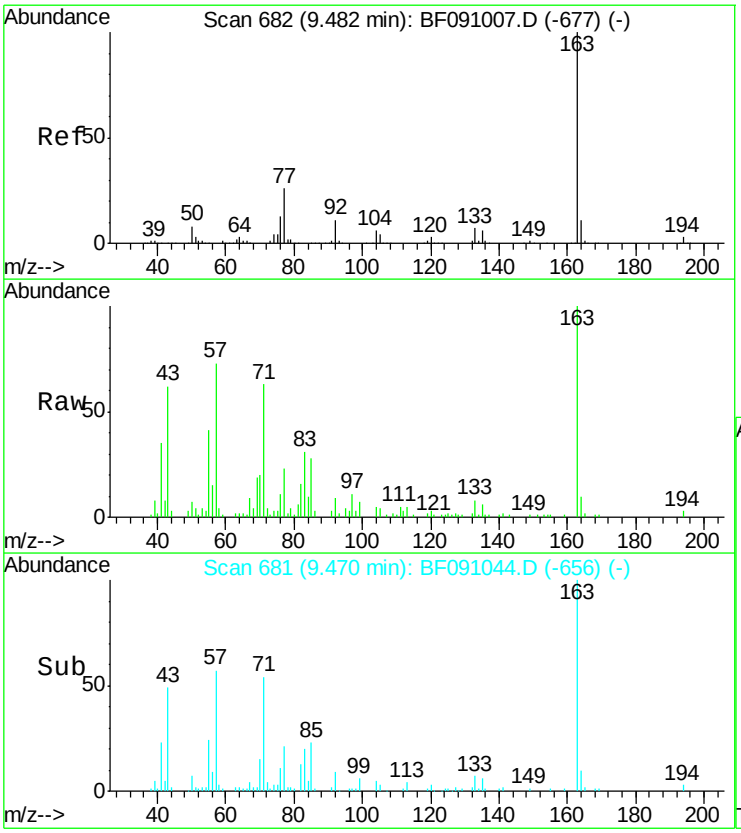
#44
2-Fluorobiphenyl
Concen: 8.97 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion:172 Resp: 167690

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.8	44.6
170	24.1	20.3	30.5

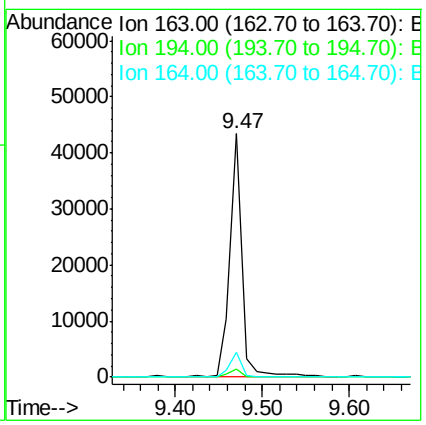


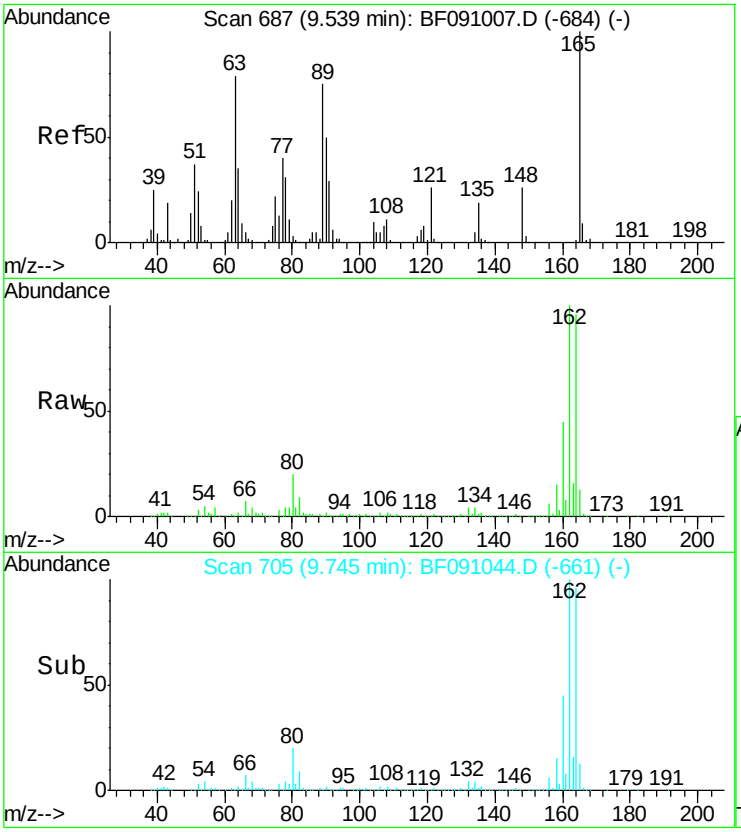


#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Tgt Ion:163 Resp: 42356

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.7	13.1



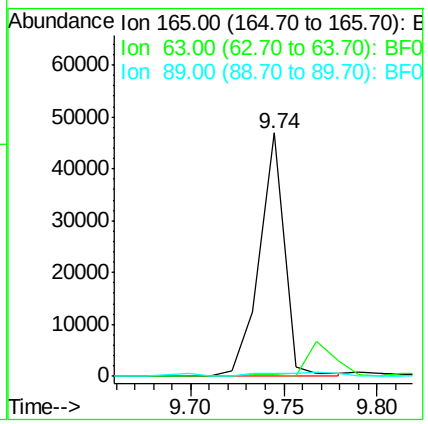


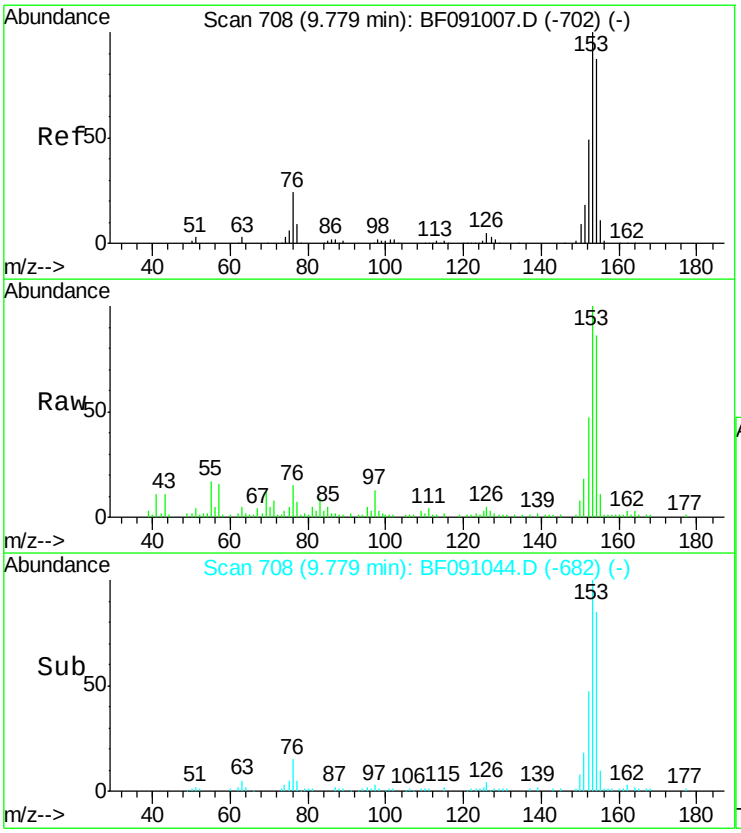
#50
2,6-Dinitrotoluene
Concen: 9.60 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.21 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion:165 Resp: 43446

Ion	Ratio	Lower	Upper
165	100		
63	0.8	65.6	98.4#
89	1.1	59.8	89.6#

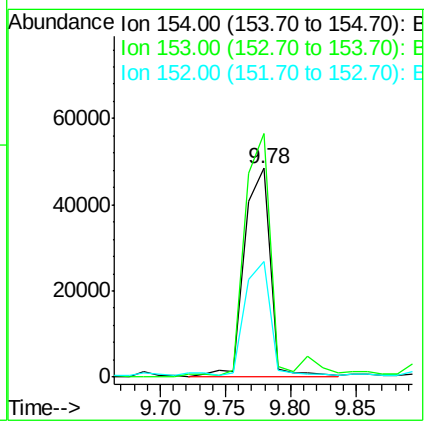


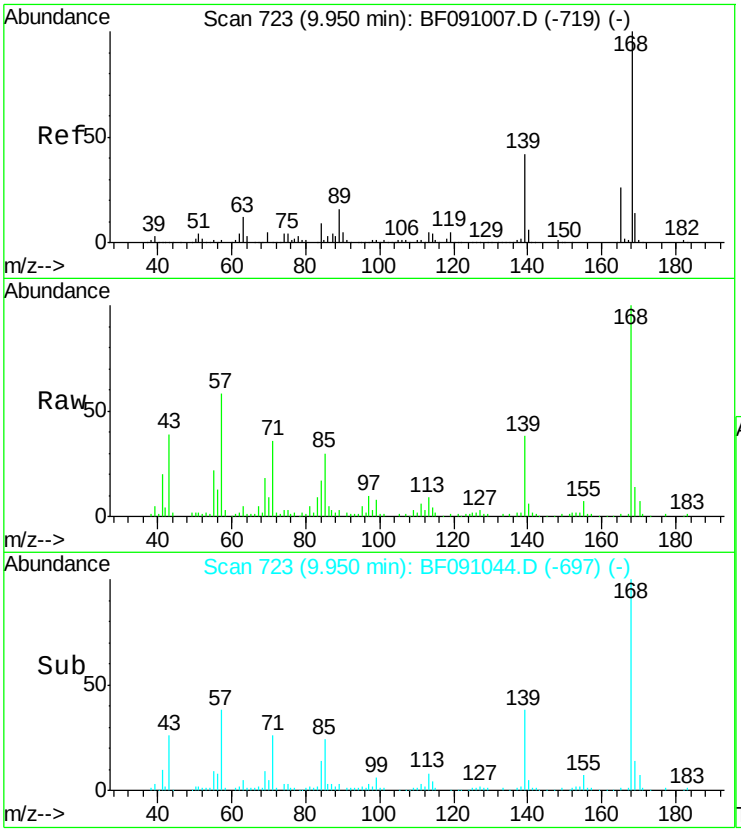


#51
Acenaphthene
Concen: 3.84 ng
RT: 9.78 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Tgt Ion:154 Resp: 67003

Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.6	137.4
152	55.2	44.6	67.0



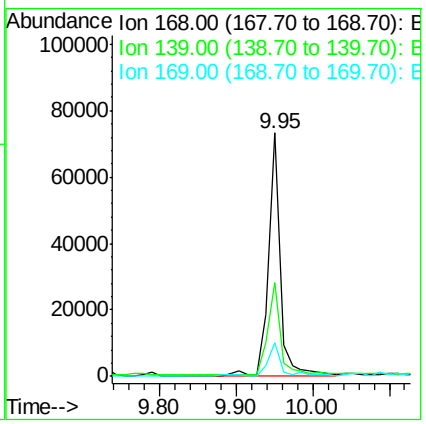


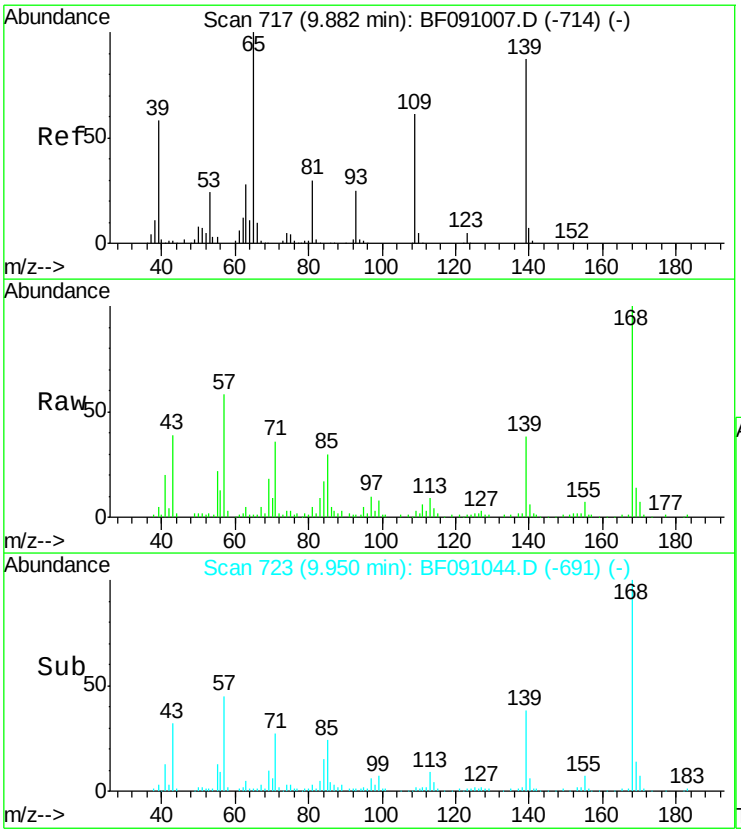
#54
Dibenzofuran
Concen: 3.34 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion:168 Resp: 78593

Ion	Ratio	Lower	Upper
168	100		
139	38.5	34.8	52.2
169	14.0	11.4	17.2

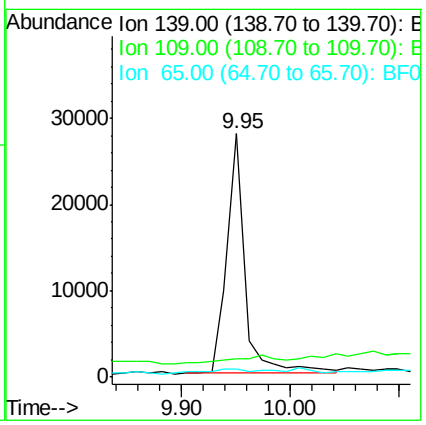


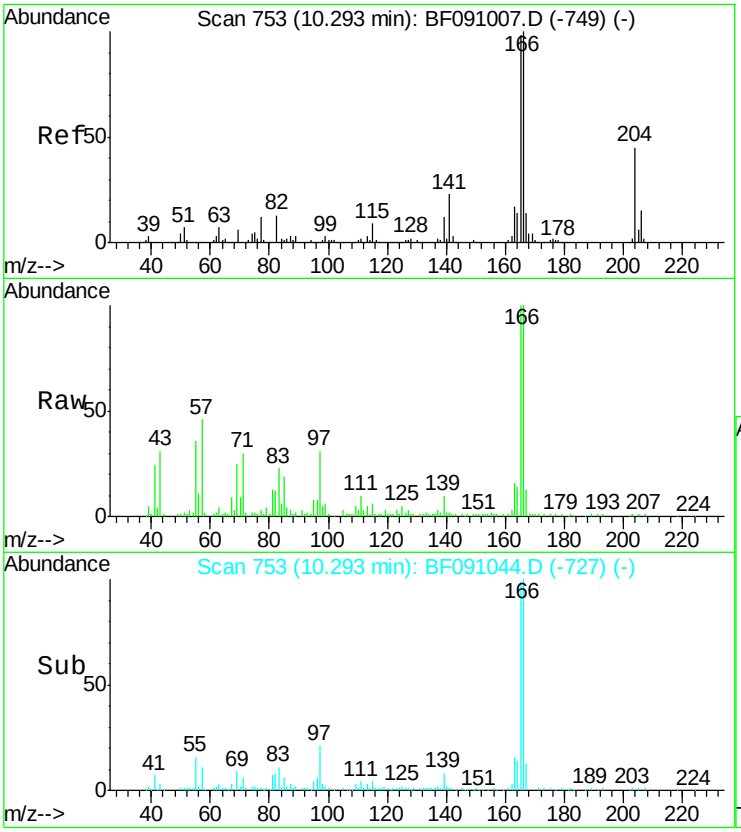


#55
4-Nitrophenol
Concen: 13.95 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.07 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Tgt Ion:139 Resp: 31650

Ion	Ratio	Lower	Upper
139	100		
109	7.8	50.5	90.5#
65	3.3	97.1	137.1#



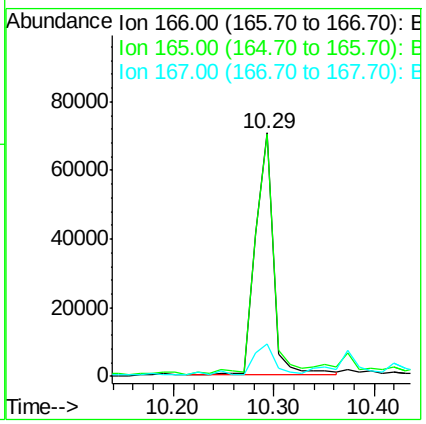


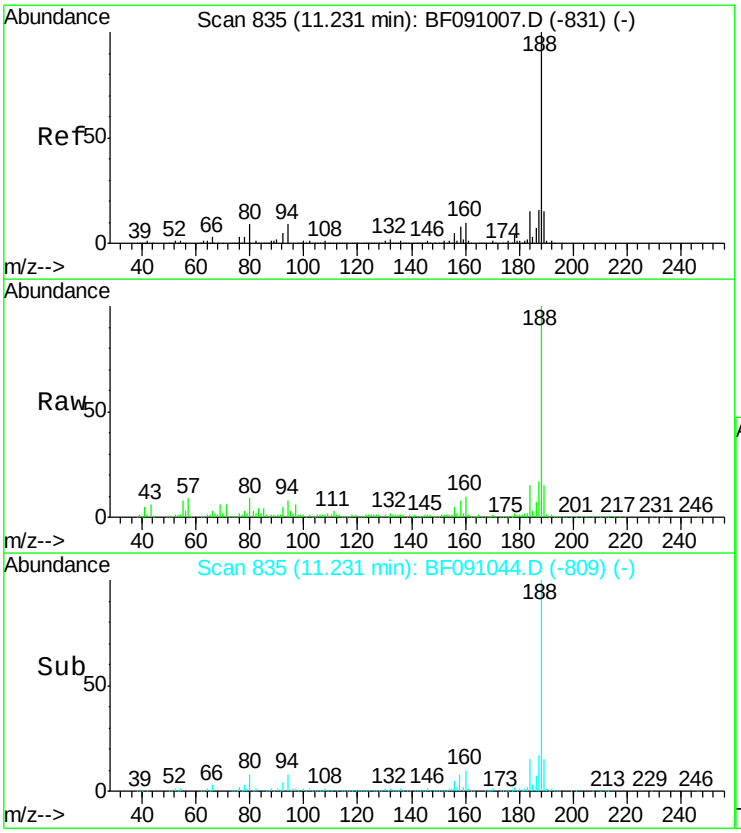
#57
Fluorene
Concen: 4.56 ng
RT: 10.29 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion:166 Resp: 87641

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	118.0
167	13.4	11.1	16.7





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF091044.D
Acq: 5 Nov 2016 2:08

Tgt Ion:188 Resp: 414625

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.4
80	8.7	7.5	11.3